ABORATORY



### WASTEWATER CHARACTERIZATION SURVEY SHAW AIR FORCE BASE, SOUTH CAROLINA

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October 1995

DTIC QUALITY INSPECTED 5

Final Technical Report for Period 24-31 August 1994

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#### REPORT DOCUMENTATION PAGE

Form Approved

Public reporting burden for this collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and

1. AGENCY USE ONLY (Leave

2. REPORT DATE October 1995 3. REPORT TYPE AND DATES COVERED Final 24-31 August 1994

4. TITLE AND SUBTITLE WASTEWATER CHARACTERIZATION SURVEY SHAW AIR FORCE BASE, SOUTH CAROLINA 5. FUNDING NUMBERS

AUTHOR(S)

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7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) Armstrong Laboratory (AFMC)

AL/OE-TR-1994-0143

Occupational and Environmental HEalth Directorate Bioenvironmental Engineering Division

2402 E Drive

Brooks Air Force Base, TX 78235-5114 9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES)

10. SPONSORING/MONITORING

8. PERFORMING ORGANIZATION

11. SUPPLEMENTARY NOTES

12a. DISTRIBUTION/AVAILABILITY STATEMENT

12b. DISTRIBUTION CODE

Approved for public release; distribution is unlimited.

13. ABSTRACT (Maximum 200 words)

Personnel from the Armstrong Laboratory Water Quality Branch conducted a wastewater characterization survey for the Bioenvironmental Engineering Shop at Shaw AFB, South Carolina, from 24-31 August 1994. The scope of this survey was to sample wastewater throughout the base to determine if significant pollutant concentrations exist in the wastewater discharge. This baseline survey was also necessary for the renewal of the NPDES permit required by South Carolina. The survey revealed that the treatment level at the wastewater treatment plant meets the current standards. also indicated that there are areas where volatile organics are discharged to the sanitary in minor levels that can be reduced. This survey also identified some oil/water separators that require heavy maintenance to become operational again, in addition to some pollution prevention issues.

Cooling water discharged to the sanitary accounts for a good proportion of the flow that is costing the base \$100K's in annual treatment costs. These systems may be remodeled, and future colling systems respecified to conserve water resources.

14. SUBJECT TERMS

Xylene Mercury

15. NUMBER OF PAGES 52

Toluene

Pheno1

19. SECURITY

Unclassified

20. LIMITATION OF

Oil/Water Separator 17. SECURITY CLASSIFICATION Unclassified

18. SECURITY CLASSIFICATION Unclassified

i

CLASSIFICATION OF

UL

16. PRICE CODE

NSN 7540-01-280-5500

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#### **ACKNOWLEDGMENTS**

During this wastewater characterization survey we trained available Bioenvironmental staff on the site selection and operation and maintenance of electronic composite samplers. I would like to thank Lt Dave Hunt for his participation and support of this effort. In addition I would like to thank the staff at the wastewater laboratory for their patience of us taking over their facility.

Additional thanks goes to TSgt Doris Hemenway for her assistance in chasing down analytical results and the compilation into neat data tables.

### WASTEWATER CHARACTERIZATION SURVEY Shaw Air Force Base, South Carolina

#### INTRODUCTION

A wastewater characterization survey was conducted at Shaw Air Force Base (SAFB), South Carolina from 24-31 August 94 by personnel from the Armstrong Laboratory, Water Quality Branch. The main purposes of this survey were to establish a baseline influent to and effluent from the treatment plant operating on base. In addition characterize the wastewater on a base level at strategic sanitary points, determine the impact of present waste sewer disposal practices, and evaluate if the treatment plant is meeting the current National Pollution Discharge Elimination System (NPDES) permit levels.

The wastewater characterization survey was requested by Lt Col David L.Potts of HQ ACC/SGB. Copies of the request letter and response letters are at Appendix A. A proposed sampling plan, (See Appendix B) was created based on facility layouts provided by the base.

Armstrong Laboratory personnel performing the survey included Capt Christopher A. Williston, MSgt Terry Boyd and SSgt Robert P. Davis.

#### DISCUSSION

#### **Background**

Shaw Air Force Base is located West of Sumter and East of Columbia SC on Highway 76. It is the home of Headquarters for both Ninth Air Force (USCENTAF), and 20th Fighter Wing, and a host of associate unit organizations. Currently there are no Reserve or Guard operations stationed at Shaw AFB.

The vast majority of the sanitary system is located west of the flightline. There are a few minor operations conducted on the north west side of the flight line, however, they are connected to separate septic leach fields.

The Waste Water Treatment Facility (WWTF) is located on the far west side of the base. The WWTF outfall is pumped several miles to Beach Creek. The Oil/water separators located on the base discharge into the sanitary except for the North and South Ditch which are permitted by the State. These two ditches were dry during our survey and were not sampled due to no rain events.

#### Wastewater Sources

There are five sewage pump or lift stations that convey domestic and commercial sewage to the WWTF. The two housing areas are located away from the commercial areas. Aircraft maintenance activities are conducted primarily along the flightline. Most of the these facilities appeared to discharge mostly domestic wastes at low flow wastes. There are a couple of high, periodic flow washracks activities that commingled with these wastestreams.

#### Wastewater Permit Standards

Domestic (also called sanitary) wastewater, is defined by Metcalf & Eddy as, "Wastewater discharged from residences and from commercial, institutional, and similar facilities". Industrial wastewater is defined as, "Wastewater in which industrial wastes predominate". The National Pollution Discharge Elimination System (NPDES) Permit #SC0024970 for Shaw Air Force Base is classified as a sanitary wastewater. This permit outlines monitoring requirements and discharge limitations for the base effluent. These limits are listed in Appendix D.

#### Sampling Strategy

A presurvey was conducted from 1-7 July 1994 by Capt Williston of AL/OEBW. Sampling sites were selected and inspected at this visit in cooperation with the Bioenvironmental Engineering shop. The sample sites are widely dispersed throughout the base. The sites were selected based on potential sources of contaminants, sewage branch lines draining off key industrial areas, and flow. These sites were inspected during the presurvey to insure accessibility and sufficient flow rates. A copy of the sampling strategy is at Appendix B. A map showing the locations of the wastewater sampling sites is in Appendix C.

A description of the 11 sampling sites follows:

Site 1; Base WWTF Effluent, Located on the west side of the base. This is the sampling point where the base personnel conduct their monitoring program. 24-hour composite samples were collected over seven days. Analyses at this location included: EPA methods 601/602 (Purgeable Halocarbons and Aromatics for 7-days), EPA Methods 624 & 625 (Total Toxic Organic Compounds for 1-day), EPA Method 608 (Pesticides and PCB's for 1-day), Ammonia, TKN, Nitrate, Nitrite as Nitrogen, Oils and Greases (O&G), Total Petroleum Hydrocarbons (TPH), Total Metals, COD, Total Phosphorus, Arsenic, Cyanide, Phenols, Total Solids, On-site Water Temperature and pH.

Site 2; Base WWTF Influent, located after the grit chamber at the treatment facility. Samples were collected over seven days. Analyses at this location included: EPA methods 601/602 (Purgeable Halocarbons and Aromatics for 7-days), EPA Methods 624 & 625 (Total Toxic Organic Compounds for 1-day), EPA Method 608 (Pesticides and PCB's for 1-day), Ammonia, TKN, Nitrate, Nitrite as Nitrogen, Oils and Greases

- (O&G), Total Petroleum Hydrocarbons (TPH), Total Metals, COD, Total Phosphorus, Arsenic, Cyanide, Phenols, Total Solids, On-site Water Temperature and pH.
- Site 3; 20th Transportation Vehicle Maintenance, Building 325 and the washrack effluent located at Manhole 162. Samples were collected over three days. Analyses at this location included: EPA methods 601/602 (Purgeable Halocarbons and Aromatics), O&G, TPH, Total Metals, COD, Total Phosphorus, Arsenic, Cyanide, Phenols, Total Solids, On-site Water Temperature and pH.
- Site 4; Hospital Effluent, The collection point is at manhole 85B located on the southeast corner of the hospital. This site was sandbagged to separate sanitary coming from some administration buildings located further west of the hospital. Samples were collected over three days. Analyses at this location included: Ammonia, EPA methods 601/602 (Purgeable Halocarbons and Aromatics), O&G, Total Petroleum Hydrocarbons (TPH), Total Metals, COD, Total Phosphorus, Arsenic, Cyanide, Phenols, Total Solids, On-site Water Temperature and pH.
- Site 5; Dental Clinic Effluent, The sample site is in Manhole 87. Samples were collected over three days. Analyses at this location included: EPA methods 601/602 (Purgeable Halocarbons and Aromatics), O&G, TPH, Total Metals, COD, Total Phosphorus, Arsenic, Cyanide, Phenols, Total Solids, On-site Water Temperature and pH.
- Site 6; Precision Measuring Electronics Laboratory (PMEL), Building 826 effluent. The sampling location is manhole 62. Samples were collected over two days. Analyses at this location included: EPA methods 601/602 (Purgeable Halocarbons and Aromatics), O&G, TPH, Total Metals, COD, Total Phosphorus, Arsenic, Cyanide, Phenols, Total Solids, On-site Water Temperature and pH.
- Site 7; Phase Maintenance Hanger 1200 effluent. The collection point is at the lift station 1216. Samples were collected over four days. Analyses at this location included: EPA methods 601/602 (Purgeable Halocarbons and Aromatics), O&G, Total Petroleum Hydrocarbons (TPH), Total Metals, COD, Phenols, Total Solids, On-site Water Temperature and pH.
- Site 8; Building 1118 effluent. The location of this site is at the manhole located northwest of the building in the parking lot. Samples were collected over four days. The major concern at this location is the silver from photo processing. Analyses at this location included: EPA methods 601/602 (Purgeable Halocarbons and Aromatics, O&G, Total Petroleum Hydrocarbons (TPH), Total Phosphorus, Arsenic, Cyanide, Phenols, Onsite Water Temperature and pH.
- Site 9; Base Housing effluent. Sample were collected at an unlabeled manhole located on the golf course. Analyses at this location included: EPA methods 601/602 (Purgeable Halocarbons and Aromatics), EPA method 608 (PCB's and pesticides), O&G,

Total Petroleum Hydrocarbons (TPH), Total Metals, COD, Total Phosphorus, Arsenic, Cyanide, Phenols, Total Solids, Onsite Water Temperature and pH.

Site 10; Aircraft AGE Maintenance, at Lift Station #1600. Buildings located northeast of 1501 all collect to this location. Samples were collected over three days. Analyses at this location included: EPA methods 601/602 (Purgeable Halocarbons and Aromatics), O&G, Total Petroleum Hydrocarbons (TPH), Total Metals, COD, Total Phosphorus, Arsenic, Cyanide, Phenols, Total Solids, On-site Water Temperature and pH.

Site 11; South CE Complex. Samples were collected at Manhole 155C. Samples were collected over three days. Analyses at this location included: EPA methods 601/602 (Purgeable Halocarbons and Aromatics), EPA method 608 (PCB's and pesticides), O&G, Total Petroleum Hydrocarbons (TPH), Total Metals, COD, Total Phosphorus, Arsenic, Cyanide, Phenols, Total Solids, On-site Water Temperature and pH.

Potable Drinking Water from the Security Police Guard Shack at Rhodes Gate; A sample of potable water was collected from the base drinking water supply. This sample was collected to identify possible source elements that in turn add to the effluent concentration. This site also had some past complaints on the water quality. Analysis at this source included: EPA Methods 601/602 (Purgeable Halocarbons and Aromatics), O&G, TPH, total metals, ammonia, COD, cyanide, phenols, nitrate, nitrite, kjeldahl nitrogen, total acidity, total alkalinity, temperature, total phosphorus, and pH.

#### Sampling Methods

Wastewater samples were typically collected over a 24-hour period as a time-proportional composite. Ice was added in sufficient quantity to the sampler's base insuring the wastewater being composited in the 2.5-gallon (10-liter) jar was maintained at <4°C. At the end of the compositing period, each water sample was stirred to mix the solids thoroughly and the contents poured directly from the jar into appropriate prelabeled sample containers and placed in a cooler filled with ice. The collection jar was replaced with a clean jar prior to each sampling interval. After all the samples were collected for each time period, they were transported in coolers to the temporary work center (located at the WWTF Laboratory), where appropriate preservatives were placed in each bottle. The samples were then placed in a refrigerator. They were placed in insulated shipping coolers, packed with blue ice, transported to TMO and were requested to be shipped overnight to Armstrong Analytical Laboratory and their contract laboratory. TMO did not follow our instructions and so most of the samples were allowed to elevate in temperature, therefore some of the volatile organic compounds in EPA methods 601/602 may have been more elevated than indicated in the data tables.

Samples collected for volatile organic halocarbons and aromatics, oils and greases, total petroleum hydrocarbons, total solids or residues and the volatile fraction of total toxic organics were collected as grab samples. These samples were captured

directly from the wastestream and then poured directly into the appropriate sample container. The samples were preserved and shipped in the same conditions as the previously mentioned samples.

The water sample pH and temperature were taken from each site's wastestream and recorded daily along with pertinent information relevant to the sample integrity (rain, odor, color, sampler condition, etc.).

All samples were collected and analyzed using Environmental Protection Agency (EPA) approved procedures. Sample preservation was in accordance with the AFOEHL Sampling Guide, March 1994.

#### Field Quality Assurance/Quality Control (QA/QC)

A field QA/QC program was used during this survey to verify the accuracy and reproducibility of laboratory results. The following types of samples were collected:

Equipment Blank Samples: Equipment blank samples were collected by pumping a liter of Laboratory Grade distilled water through the pump/purge cycle of the sampler into the appropriate sample container. Preservation and shipping was conducted in the same manner as the routine samples. These samples are used to check for cross contamination from the sampler, which may leach contaminants into the sample through residuals or desorption from the sampler tubing.

Reagent Blank Samples: Reagent blank samples are made by adding a standard aliquot of reagent preservative to a standard sample volume of Laboratory Grade distilled water. These samples are analyzed for analytical parameters that were collected in the field. These samples serve to verify that the reagent does not add quantitative value to the analyte from its own matrix.

<u>Duplicate Samples</u>: Duplicate samples are collected by splitting grab or composite samples with a sample splitter under identical protocol. Sample collection is accomplished by splitting the samples in the 2.5-gallon (10-liter) jar or grabbing double samples of each analyte. Each group of two samples is managed the same regarding collection, handling, preservation, storage, and shipment. This series monitors the reproducibility of sample analytical results. It should be noted that even with the use of a sample splitter, replicating duplicate sample results is difficult because changes in flow and unequal capture of solids can contribute to variability between the original and the duplicate sample.

#### Analytical Laboratory QA/QC

The Armstrong Laboratory Analytical Division Quality Assurance Plan establishes the guidelines and rules necessary to meet the analytical requirements of 43 states, US EPA, and private accrediting agencies. Specific activities include: (a)

inserting a minimum of one blind sample control for each parameter analyzed on a monthly basis, (b) periodic audit of the quality assurance items from each branch, (c) daily calibration of equipment, (d) a minimum of one National Institute Standards and Technology/Standard Reference Materials (NITS/SRM) traceable standard and control sample that is included with each analytical run, (e) corrective action documented each time a quality assurance is not met, (f) established detection limits for all sample data, (g) participation by the laboratory in numerous proficiency surveys and interlaboratory quality evaluation programs, and (h) plotting and tracking all quality control samples by the appropriate analytical section.

Quality assurance, also mandatory for all contracted analytical services, is validated periodically by Armstrong Laboratory personnel.

Spike Samples: Spike samples were prepared by Armstrong Laboratory's Analytical Services Division. These samples were prepared by filling the appropriate sample container with laboratory grade distilled water, adding a known quantity of an analytical parameter, and preserving the sample as appropriate. This series monitors the sample collection, preservation, and reproducibility of analytical results. Spike samples were split at the lab, brought to SAFB and shipped to the contract lab to evaluate sample integrity and duplication.

#### RESULTS AND CONCLUSIONS FOR WASTEWATER CHARACTERIZATION

Contaminant concentrations and physical and chemical parameters are presented in the following section to characterize the various wastewater streams sampled during the survey. Some of the concentrations show potential problems with disposal methods. Others simply contribute to the identifying characteristics of the wastewater that reflect the types of materials being discharged into the sewers. Please note that all analytical results by site number may be found in Appendix D.

The results are segregated into tables as follows:

Table No.

DA-1, 2, and 3; Site 1, BASE EFFLUENT

DB-1, 2, and 3; Site 2, PLANT INFLUENT

DC-1, SITE 3, VEHICLE MAINTENANCE AND WASHRACK EFFLUENT

DD-1, SITE 4, HOSPITAL EFFLUENT

DE-1, SITE 5, DENTAL CLINIC EFFLUENT

DF-1, SITE 6, PMEL EFFLUENT

DG-1, SITE 7, PHASE MAINTENANCE HANGER 1200 EFFLUENT

DH-1, SITE 8, BUILDING 1118 EFFLUENT

DI-1, AND 2; SITE 9, BASE HOUSING EFFLUENT

DJ-1, SITE 10, LIFT STATION 1600 EFFLUENT

DK-1 and 2; SITE 11, SOUTH BASE SAMPLING POINT

DL-1, POTABLE WATER

DM-1 SPIKE SAMPLE AND REAGENT BLANK

DM-2 QA/QC - EQUIPMENT BLANKS

#### Oils. Greases and Total Petroleum Hydrocarbons

Oil and Grease (O&G) is not a specific analysis because a group of substances with similar properties are measured due to their solubility in trichlorotrifluoroethane. Some of these compounds could include organic dyes, sulfur compounds, and chlorophyll. Total Petroleum Hydrocarbons (TPH) compounds are extracted and analyzed in the same manner as O&G; however, after measuring for O&G with a infrared detector, a silica gel is added to the sample to adsorb the nonpetroleum compounds and remeasured (Standard Methods 18th Edition). Total Petroleum Hydrocarbons compounds detected can originate from detergents and other domestic sources, and not solely from fuels.

Tables DA-1 through DK-1 indicate few elevated levels of O&G. Table DF-1 indicates the most elevated O&G sample collected during the survey. This sample was measured at 584 mg/L. The associated TPH level, only 37.6 mg/L, indicated that the origin of the O&G found was not predominately petroleum. The average oil and grease concentration into the WWTF over seven days was 35 mg/L. As a general guideline, the average concentration at any point source should be 50 mg/L or less. If higher levels are consistently observed and the process can not be changed, then an oil and grease trap may be required to minimize grease ball accumulation at lift stations and the WWTF.

#### Chemical Oxygen and Biochemical Oxygen Demand

Biochemical Oxygen Demand (BOD) and Chemical Oxygen Demand (COD) are two common analytical procedures to determine the oxygen demand of a water sample. This demand may be caused by biodegradable organics, nutrients, refractory organics, heavy metals or dissolved inorganic solids. The BOD<sub>5</sub> procedure requires five days to incubate the microbes which biochemically exert an oxygen demand. This procedure

must begin within 24 hours after the sample is collected. The results can also vary depending on the microbial colony and concentration of contaminants. The COD procedure, with a holding time of up to 28 days, utilizes a chemical oxidizer to determine the oxygen demand. This procedure is more consistent than the BOD procedure. The BOD samples were directly transported locally to the Palmer and Mallard and Associates, Inc. Laboratory, Sumter, South Carolina. The COD samples were analyzed at Armstrong Laboratories.

Metcalf and Eddy Wastewater Engineering Treatment Disposal and Reuse, 1991 outlines typical BOD levels in untreated domestic wastewater as; 110 mg/L - Weak, 220 - Medium, and 400 Strong, and COD levels as; 250 mg/L - Weak, 500 - Medium, and 1000 Strong.

Tables DA-1 through DK-1 indicate few elevated levels of BOD and COD. Water samples were only analyzed for BOD at the WWTF influent and effluent. Table DA-1 and 2 and DB-1 and 2 indicate the BOD levels for the effluent and influent respectively. The influent BOD levels were less than 180 mg/L. This would be a weak to medium concentration. This could be contributed to the dilution from infiltration and cooling tower draining cooling water into the sanitary system. The effluent BOD levels indicated levels of 5 mg/L or less for the daily composite sample. These values indicate suitable reduction in BOD. The daily maximum is 30 mg/L and the monthly average is 15 mg/L.

Table DF-1 indicates the most elevated COD sample collected during the survey. This PMEL effluent sample was measured at 2520 mg/L. The COD levels detected on the previous day was 337 mg/L. This would seem more in line with samples collected throughout the base. The COD levels for the influent to the WWTF is approximately 200 mg/L for six days. The average effluent level was approximately 43 mg/L for the same six days. There seems to be possible switch in the effluent and influent sample collected on Tuesday, August 30th. This is also apparent for the voa analyzed for that day. This can be explained in that the samples bottles for Sites 1 and 2 were placed in the same box. Even though the bottles were labeled, they could have been mistakenly switched.

#### Total Cyanides

Total cyanides were analyzed at selected sites throughout the base. Almost all of the samples indicated detectable levels. These are low levels and the sources can most probably be attributed to the ingredients of the pesticides used at these facilities. There was only one excursion of cyanide in the base effluent at 0.038 mg/L. At the time of this report there was no limit established for cyanide in wastewater. The Maximum Contaminant Level (MCL) for drinking water is 0.2 mg/L, (Water Quality and Treatment, AWWA, 1990).

#### Miscellaneous Analyses

Phenolic compounds are used in many products from cough syrup to cleaning compounds. The most elevated levels (330 mg/L) were detected at Site 7 on Friday. This is the Dental clinic, and it would be expected to have more cleaners and disinfectants in the sanitary. These values are within normal ranges of some domestic wastewaters and not excessively elevated.

The remaining analyses from Groups A, D, E, and field readings do not indicate any significant elevated compound concentration discharges from these facilities.

#### Group G Parameters

Total acidity, alkalinity, bicarbonate alkalinity, and solids analyses for potable water are compiled in Table DL-1. The acidity, alkalinity and surfactant levels detected throughout the survey do not appear unusual. Total solids are listed in Tables DA-1 through DL-1.

The total solids levels found throughout the base were around the weak concentration levels. This could be attributed to groundwater infiltration and cooling tower water.

#### Metals Analyses

Total metal analyses were performed on the wastewater samples by Induction Coupled Plasma (ICP) and Graphite Furnace methods. The base effluent and influent at Sites 1 and 2 respectively indicated no abnormally elevated levels of metals. There was an isolated trace of mercury detected in the influent on 25 Aug at 0.0006 mg/L. This should not be an issue at that concentration. The only two sites that had mercury detected was at the Dental Clinic and the 1600 lift station. Mercury blood pressure units were used extensively in hospitals and dental clinics for decades. They were often knocked over or broken with the mercury ending up on the floor. Dental chairs come equipped with vacuum aspirators and it was often convenient to extract the liquid metal from the floor, thus discharging it into the sanitary sewer. Mercury will sit in any low spot in the plumbing such a cracks, joints, and kinks. As the water flows past, it will carry away dissolved fractions of the metal. So a spill that resulted 20 years ago can still discharge detectable levels in the sanitary today. This also applied to meteorologists, avionics and PMEL that used or calibrated manometers.

#### Volatile Organic Compounds (GC)

Volatile Organic Compounds (VOCs) were analyzed via EPA Methods 601 (Volatile Organic Hydrocarbons), 602 (Volatile Organic Aromatics).

VOCs are widely used in many products and are also by-products of ongoing processes throughout any USAF base. Usually, the small amounts that enter the sanitary system are treated by biodegradation or volatilization. Small amounts are routinely treated with no impact to the biological treatment system. Large amounts, however, can cause a toxic shock to the system in the POTW and create a fire or explosion hazard.

The VOCs present in the base effluent are not significant. The bromodichloromethane and choroform are disinfection byproducts. The toluene and paradichlorobenzene detected Tuesday Aug 30th are most likely swapped with the influent as previously stated in the COD section. The toluene source should be traced don and mitigated. The paradichlorobenzene is usually generated by bathroom deodorizers. The highest toluene level was detected at 18.3 mg/L (See TABLE DG-1) Site 7 at Hanger 1200. In fact most of the VOCs detected were at this location and lift station #1600.

Other compounds present at various sites are bromomethane, chlorodibromomethane, chloroform, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene 1,4-Dichlorobenzene, ethylbenzene, methylene chloride, and xylene. Bromodichloromethane and chloroform are byproducts from chlorination. The other compounds can be traced to fuels, paints, cleaners and solvents. Most of the sites had relatively low levels of these compounds with the exception of Site 6.

Sites 7, and 10 effluents contained: chlorobenzene, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 1,2 Dichloroethane, toluene, and xylene. The source of these compounds may be traced to the other upstream sampling points that also have the same constituents. These are lift stations that handle the majority of aircraft maintenance. Cleaners, additives, fuels, and other common chemicals use these compounds. Proper disposal practices should be used at these facilities to mitigate these organic compounds from entering the sanitary.

Chloroform was detected in the potable water sample and is a disinfection byproduct. Therefore, it will not be considered as a release from any particular operation, because it appears to be at the ambient level in the potable water source.

Para-Dichlorobenzene or 1,4 Dichlorobenzene is predominantly used as a insecticidal fumigant and a deodorant for garbage and restrooms. It has minor uses in resins and abrasive wheel production. This compound is designated as a hazardous substance under section 311(b)(2)(A) of the Federal Water Pollution Control Act and further regulated by the Clean Water Act Amendments of 1978 and 1978, (40 CFR 116.4 (7/1/87)). This compound, a toxic pollutant pursuant to section 307(a)(1) of the Clean Water Act, is subject to effluent limitations (40 CFR 401.15 (7/1/90)). It was not detected at any base effluent; however, it was detected in minor amounts throughout the base. It should be noted that the EPA is promulgating National Primary Drinking Water Regulations (NPDWRs) for certain volatile synthetic organic chemicals. Specifically, this notice promulgates a maximum contaminant level for para-dichlorobenzene at 75.0

ppb. Drinking water standards should not be used for sanitary effluent standards. It would appear, however, that if the maximum detected level of para-dichlorobenzene from the sanitary sewer is less than the NPDWRs standard, then there should be minimal concern in removing deodorizers from the base supply.

Toluene is used in: Solvents for paints, lacquers, gums, and resins; as a gasoline and aviation fuel additive; inks; cements; cosmetics; spot removers; antifreezes; and fuel blending. Toluene, designated a hazardous substance under section 311(b)(2)(A) of the Federal Water Pollution Control Act, is further regulated by the Clean Water Act Amendments of 1977 and 1978, (40 CFR 116.4 (7/1/88)). This compound, a toxic pollutant pursuant to section 307(a)(1) of the Clean Water Act, is subject to effluent limitations (40 CFR 401.15 (7/1/91)). It was detected in the Base's effluent at Sites 4, 5, and 6 most days that it was sampled at concentrations of 1.58 to 518.4 ppb. It was also detected in some of the water sample collected from Sites 3, and 7. These levels can be reduced by better spill response and oil/water separator maintenance. These are not flammable levels however, prudent measures should be taken to mitigate further toluene releases into the sanitary.

Xylene is used in: Solvents; manufacturing Dyes; production of benzoic acid, manufacture of paints, lacquers, general solvent, and adhesives; as a gasoline and aviation fuel additive; and protective coatings. Xylene, designated a hazardous substance under section 311(b)(2)(A) of the Federal Water Pollution Control Act, is further regulated by the Clean Water Act Amendments of 1977 and 1978, (40 CFR 116.4 (7/1/88)). It was detected in the Base's effluent at Sites 4, 5, and 6 most days that it was sampled at concentrations of 1.1 to 409.1 ppb. It was also detected in two of the water sample collected from Site 7, (See TABLE DG-1).

#### Total Toxic Organic Compounds

Total Toxic Organic (TTO) compounds are detected with EPA Methods 608, 624 and 625. These are purgeable, base-, neutral-, and acid-extractable organic compounds. Total Toxic Organics analyses are very expensive and were therefore limited to the effluent discharge from the base at Site 1. Samples were analyzed for pesticides outside of the base entomology shop and the commingled housing site. No pesticides were detected coming out of the housing area. Chlordane was detected each sampling day at Site 11 with the highest level at 170 mg/L.

Table DA-3, list the Polychlorinated Biphenyls (PCBs), pesticides, volatile, base-neutral, and acid extractable compounds for the base influent Sites 1. Endosulfan I was detected at the base effluent at 0.01 mg/L. No PCBs were detected. Bis(2-ethylhexl)phthalate, Diethylphthalate and phenol was detected at the effluent. The other organic compounds found in the TTO analyses are described as follows:

Bis(2-Ethylhexl)Phthalate is used in: a plasticizers for polymeric materials such as natural rubber, synthetic rubber, cellulose acetate butyrate, polystyrene; vacuum pump

oil; dielectric fluids for capacitors; inert ingredients for pesticides; insect repellent formulations; cosmetics; rubbing alcohol; and photographic film, wire and cable adhesives, and cubitainers and lab plasticware. It is also one of the most common lab contaminants and can be found in most waters that are conveyed through polyvinylchloride (PVC) plumbing. This compound has a human criteria for ingestion of water at 15.0 mg/L. Contaminated aquatic organisms criteria is set at 50 mg/L. This compound, designated a toxic pollutant pursuant to section 307(a)(1) of the CWA, is subject to effluent limitations. It was detected at Site 1 at 90 mg/L respectively.

Diethyl Phthalate is used in: celluloid; solvents for cellulose acetate in manufacturing varnishes and dopes; denatured alcohol; wetting agents; insecticidal sprays; camphor substitutes; mosquito repellents; dye carriers; and plasticizers. This is also a common laboratory contaminant and is often found in water that is conveyed through PVC plumbing. This compound, designated a toxic pollutant pursuant to section 307(a)(1) of the Clean Water Act, is subject to effluent limitations (40 CFR 401.15 (7/1/87)). It was detected at Site 1 at 10 mg/L.

Phenol is used in: antiseptics; disinfectants; peptizing agents in glues; germicidal paints and slimicides; disinfectant against vegetative gram-negative and gram-positive bacteria; and extractive solvents for petroleum refining. The estimated permissible concentration of phenol in water as applied for human health effects ranges from 260 to 675 mg/L pursuant to Volume 1. EPA-600/7-77-136a. Research Triangle Park, NC: EPA, Nov. 1977.,p. E-182. This compound, a toxic pollutant pursuant to section 307(a)(1) of the Clean Water Act, is subject to effluent limitations (40 CFR 401.15 (7/1/87)). The acid extractable compound was detected at Site 1, at 12 mg/L.

#### OA/OC DATA

Table DL-1, lists the analytical results for the potable water collected from the North Security Police post. The analyses performed on the potable water reveal what chemical concentrations and impurities are found in the incoming treated water. These levels can be subtracted from the concentrations revealed by the analyses performed on the sanitary outfalls to determine the additive effects of effluents on the system. Oil and Grease is found throughout the entire survey at approximately 1.8 to 1720 mg/L. If a sample indicated a level of 4.0 mg/L, then the ambient or average level of 0.75 mg/L would be subtracted from the 4.0 mg/L for an reading of 3.25 mg/L. The potable water contains detectable concentrations of calcium, iron, zinc, oil and grease, kjeldahl nitrogen, and solids or residues. All of these levels are below the drinking water MCLs.

Tables DM-1 indicate spike samples that were created at Armstrong Laboratory. These samples were preserved and shipped to AL/OEA for analyses. These results are supposed to fall within an acceptable window or advisory range. Most of the results fell within this window. Few other analytes fell close to this window or were not analyzed for that particular parameter. Variances can be the results of matrix interferences, poor

recovery, or technician error. The laboratory re-analyzes if sample falls outside prescribed limits. These results indicate fairly good recovery.

Reagent blanks, collected and analyzed to determine if there are other interferences due to the reagent composition, are prepared by filling typical sample bottles with laboratory grade water and preserving them with the standard reagent used in the field. These blank samples are analyzed for the same parameters as those requested for the field samples. If there are significant values detected, then that value may be subtracted from the gross levels detected in the field sample for a net gain. The reagent blank results listed in Table DL-1, indicate that three parameters were detected. The sulfuric acid used to preserve Groups A and E analytes indicated a low, near detection level of chemical oxygen demand of 19.0 mg/L. The nitric acid used in the preservation of metals indicated a detectable level of 0.04 mg/L of iron and 0.06 mg/L of magnesium. These levels are not significant with respect to the levels detected in the sanitary waste water samples collected. Therefore the levels detected throughout the survey may be accepted as valid. The potable water analytes detected should still be considered when reviewing the samples collected throughout the base.

#### SUMMARY AND RECOMMENDATIONS

Overall, the analyses collected at the base's effluent at Site-1 appeared normal for the operations conducted at this location with exception of the potentially swapped samples with the influent on Tuesday. None of the permit parameters were exceeded during this period. Contribution of industrial type pollutants to the base's sanitary wastewater discharge were detected at lift station #1600 and #1216. Minor levels of organic and inorganic compounds were found. These levels are not toxic to the operation of the treatment plant however, care should be used when handling chemicals and effort should be made to mitigate these chemicals from entering the sanitary.

Site 5 had elevated levels of mercury. This is most likely generated from past releases. The source could be traced back to the building to determine if it is the lines or inside equipment in the clinic itself. If it is in the lines, then is possible to replace the sanitary lines and remove the source(s). If it is coming from inside of the building, then each operatory should be inspected. Vacuumed mercury often will collect in the small knurls of the vacuum hoses inside of the operatories and other traps. If these are the sources, then these systems will have to be cleaned and the mercury properly disposed.

#### CONCLUSIONS

The final effluent appears to be in compliance for the permitted parameters. The influent to the plant does not have excessive levels of any particular parameters. The toluene levels are minimal however, these sources should be attenuated with an effort to eliminate

them in accordance with the 12 Jan 1993 HQ AFMOA/SGP letter of 1992 Baseline Inventory of Industrial Toxics Program (ITP) Chemicals. Toluene is listed as one of the 17 chemicals that should be reduced by 50%.

The infiltration of groundwater and the continuous flow from the cooling towers are waters that do not have to be treated. These clean water sources can add up over 200K gallons per day. The treatment costs at a typical treatment plant is approximately \$2.75/1000 gallons. A savings of over \$200K could be made in treatment cost alone if these clean water sources were mitigated. One method is to discontinue purchasing air conditioning systems that utilize water to cool the bearings. Another is to discharge cooling tower water into stormwater basins versus sanitary system as these new systems are installed.

The oil/water separator system installed down gradient of the POL truck yard has been in disrepair for years as evident by the collected debris. This system is imperative to maintain in the event of a POL release on the flightline. Another pollution prevention measure is to berm the POL truck yard parking lot. This lot sloped toward the creek with no spill containment in the event of a fuel truck release. These issues were discussed with CE during the out briefing.

#### **REFERENCES**

<u>Investigation of Inappropriate Pollutant Entries into Storm Drainage System;</u> EPA/600/R-92/238; United States Environmental Protection Agency; Jan 1993.

<u>Laboratory Services Guide</u>; AL/OE-TR-1994-0136; Occupational and Environmental Health Directorate, Brooks Air Force Base, Texas; 1994.

Wastewater Engineering Treatment, Disposal, and Reuse; Metcalf & Eddy, Inc.; McGraw-Hill, Inc.; 1991.

Water Quality and Treatment: \_\_andbook of ommunity 'ater upplies, American Water Works Association, 4th ed., 1990

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16

## APPENDIX A CORRESPONDENCE REQUESTING SURVEY

#### DEPARTMENT OF THE AIR FORCE



HEADQUARTERS TACTICAL AIR COMMAND LANGLEY AIR FORCE BASE VA 23665-

V TO

11 Dec 91

,这个人,这么时间的时候,这时间是这个人,这个人,我们就是这个人,我们就是这种的人,我们是这个人,我们是这种的人,我们就是这个人,我们就是这个人,我们就是这个人

Ect: Tactical Air Command (TAC) Request for Waste Water and Hazardous Waste Surveys

TO: AL/OEB

- 1. During a recent TAC Water Quality Working Group meeting, the committee discussed the need and benefit of waste water and hazardous waste studies. Everyone agreed that these surveys are invaluable and that Armstrong Laboratories does an excellent job performing them. As a result, TAC would like to develop a program to have Armstrong Laboratory perform baseline waste water and hazardous waste studies at each TAC base over the next few years. In addition, we are interested in establishing a reoccurring schedule of studies to update the baseline surveys.
- 2. I have informally discussed this proposal with Maj John Garland and Capt Pat McMullen from your staff to determine the viability of the request. It appears TAC's request is similar to what you are already doing for ATC. Suggest we set-up a meeting to layout the details for this undertaking.
- 3. Meanwhile, I would like to request three waste water studies be accomplished in the near future. Cannon AFB, Mountain Home AFB, and Langley AFB all have MCP projects scheduled for FY 95 to upgrade their sewage treatment plants. Waste water studies are needed to provide input for their proper design.

4. Please advise me when you would be available to have the requested meeting to develop the TAC survey program. In addition, please indicate when you will be able to perform the three waste water surveys requested in this letter. As always, your assistance and support is greatly appreciated. Please contact me at HQ TAC/SGPB, DSN 574-4611.

7874

DAVID L. POTTS, Lt Col, USAF, BSC Command Bioenvironmental Engineer Office of the Command Surgeon

cc: TAC/DEVC

1 Med Gp/SGPB 27 Med Gp/SGPB 366 Med Gp/SGPB



#### DEPARTMENT OF THE AIR FORCE ARMSTRONG LABORATORY (AFSC) BROOKS AIR FORCE BASE, TEXAS 78235-5000

18 MAR 1992

OEBE (Maj Garland, DSN 240-3305)

Air Combat Command Stravman Survey Schedule

#### HQ TAC/SGPB/DEVC

1. Attached is the strawman survey schedule for the next six years. For the first four years, we plan to survey all the bases that have never been surveyed. The anticipated month of the survey is next to each base. In 1998, we will be surveying those bases that have had wastewater characterizations in recent years to the present. Those surveys are in parentheses by the base. In 1999, we will start to resurvey the bases in sequence starting from those surveyed in 1993.

2. If you have any questions, please contact Maj Garland.

EDWARD F. MAHER, Colonel, USAF, BSC Chief, Bioenvironmental Engineering

Division

1 Atch Survey

cc: HQ SAC/SGPB/DEVC

### Air Combat Command Strawman Survey Schedule

#### 1993

Shaw AFB SC--April Griffiss AFB NY--May Minot AFB ND--June Ellsworth AFB SD--July

#### 1995

Dyess AFB TX--March
Pope AFB NC--April
Seymour Johnson AFB NC--May
Fairchild AFB WA--July

#### 1997

Homestead AFB FL(87)--May Barksdale AFB LA(88)--June Beale AFB CA(89)--July Davis-Monthan AFB AZ(89)--August

#### 1999

Mountain Home AFB ID(92)--July . Cannon AFB NM(92)--September

#### 1994

McConnell AFB KS--April Offut AFB NE--May Grand Forks AFB ND--June K.I. Sawyer AFB MI--July

#### 1996

Tyndall AFB FL--March Nellis AFB NV--May F.E. Warren WY--July Moody AFB GA--September

#### 1998

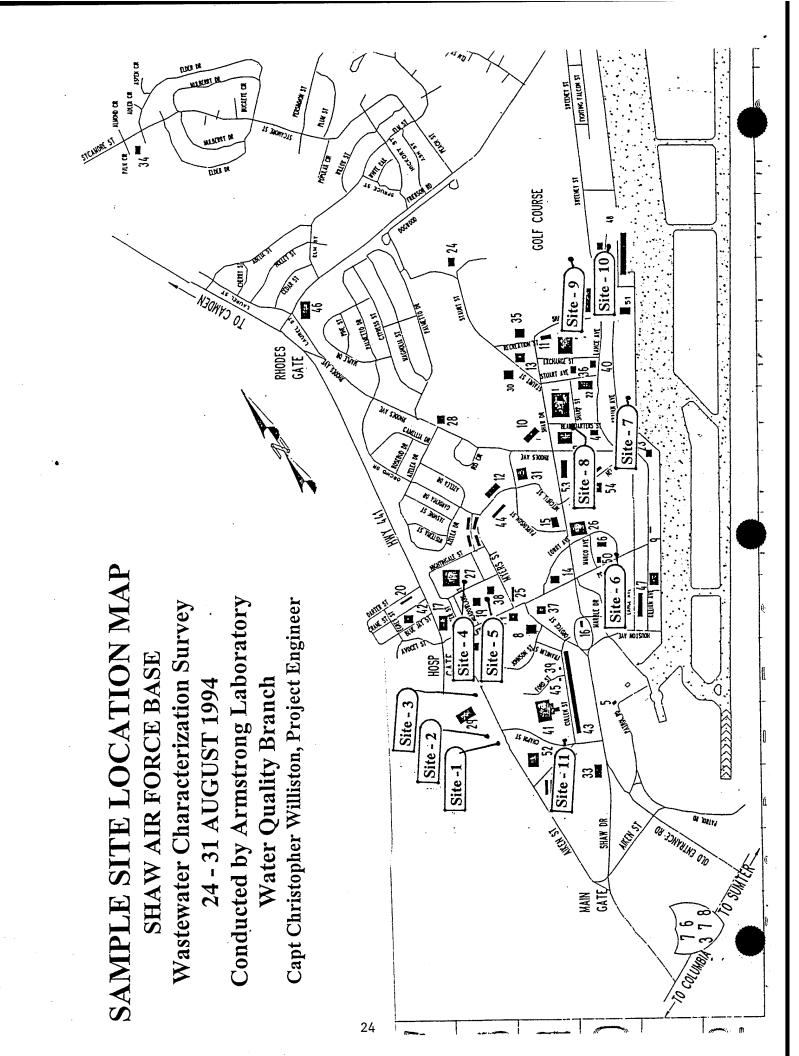
Luke AFB AZ(89)--April Eolloman AFB NM(91)--June Whiteman AFB MS(91)--August Langley AFB VA(92)--September

## APPENDIX B SAMPLING STRATEGY

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	Ammonia	7	7		3		2	4	3	4	3		+	3	43
	Chemical Oxygen Demand	7	7	S.	3		2	4	3	4	3		1	3	46
	jeldahl Nitrogen	7	7												14
	litrate	7	7												14
	litrite	7	7												14
	il & Grease	7	7	3.			2	4	3	4			-	3	43
	otal Petroleum Hydrocarbon	7	7				2	4	3	4	3		+	3	43
	Biochemical Oxygen Demand	5	5											2	12
	Orthophosphate	7	7												14
	otal Phosphorus	,	`		3		2	4	3	4				3	51,
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7 7 7 7 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9	oron	7	_											3	11
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1	alcium	7	7											3	17
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2 2 2	508 Modified PCB's only	Í		 											
	524/625 BNA's TTO's	2					_	_		_		_		_	

Note that two O&G samples will be collected from the Chow Hall in addition to the above mentioned category

### APPENDIX C SAMPLING LOCATION MAP



## APPENDIX D ANALYTICAL RESULTS

	DA-1, SITE 1,			
	urvey: SHAW			
Survey	/ Dates: 22 Au	gust - 2 Septe	mber 1994	
Contributir	g Sources: Sa	anitary, Indust	rial, and Inflo	w
	COLLECTION DATE	COLLECTION DATE	COLLECTION DATE	COLLECTION DATE
GROUP A ANALYTES (mg/L)		FRI, 26 AUG 1994 <.2	SAT, 27 AUG 1994 <.2	SUN, 28 AUG 1994 <.2
Ammonia Kjeddahl Nitrogen	<.2	1.3	1.6	1.6
Nitrate	14,8	15.6	17.2 <.02	16 <.02
Nitrite Biochemical Oxygen Demand	<.02	<.02 5		5 & Duplicate is 5
Chemical Oxygen Demand	66	67	44 0.9	30
Oil and Grease Total Petroleum Hydrocarbon	0,6	1.5	<1	ব
Total Phosphorus	1.5	5.7	1.8	1.6
GROUP D ANALYTES (mg/L)				<del> </del>
Cyanide	<.005	<.005	<.005	<.005
GROUP E ANALYTES (ug/L)				
Phenois	<10	<10	<10	<10
COOLD E ANALYTES (mg/l)				
GROUP F ANALYTES (mg/L) Aluminum	0.26		0.31	
Arsenic	<0.005	<0.005 <0.01	<0.005	<0.005 <0.01
Barium Beryllium	<0.01 <0.0005	<0.005	<0.0005	<0.005
Boron	0.14	0.15	0.17	0.18
Cadmium Calcium	<0.001	<0.001	<0.001 25	<0.001 25
Total Chromium	<0.005	<0.005	<0.005	<0.005
Copper	0.036 0.21	0.03	0.041 0.26	0.035 0.16
iron Lead	<0.02	<0.02	<0.02	<0.02
Magnesium	1.1	1.1	1,1 0.039	1,1 0.022
Manganese Mercury	0,029	0.012 <0.0005	<0.0005	<0.0005
Nickel	<0.005	<0.005	<0.005	<0.005
Potassium	6.4 <0.005	<0.005	6.7 <0.005	<0.005
Selenium Silver	<0.005	<0.005	<0.005	<0.005
Zinc	0.03	0.002	0.03	0.03
Group G (mg/L)				
Residue (Total)	293	341	356	367
Residue (Filterable) Residue (Nonfilterable)				
T(CSIGGE (TTOTIMETERS)				
Residue (Settleable)				
Residue (Settleable)				
Residue (Settleable) Residue (Total Volatile) ON SITE ANALYSES pH (units)	6.2		6.2	6.2
Residue (Settleable) Residue (Total Volatile) ON SITE ANALYSES	24	25	25	25
Residue (Settleable) Residue (Total Volatile) ON SITE ANALYSES pH (units)	24 CN940800 & GN94080	25 CN940830	25 CN940856	25 CN940874
Residue (Settleable) Residue (Total Volatile) ON SITE ANALYSES pH (units) Temperature (°C)	24 CN940800 & GN94080 GN940824 & GN94080	25 CN940830 GN940831	25 CN940856 GN940857	25 CN940874 Gn940875
Residue (Settleable) Residue (Total Volatile) ON SITE ANALYSES pH (units) Temperature ("C) SAMPLE NUMBERS	24 CN940800 & GN94080 GN940824 & GN94080 COLLECTION DATE	25 CN940830 GN940831 COLLECTION DATE	25 CN940856 GN940857 COLLECTION DATE	25 CN940874 Gn940875 COLLECTION DATE
Residue (Settleable) Residue (Total Volatile) ON SITE ANALYSES pH (units) Temperature ("C)	24 CN940800 & GN94080 GN940824 & GN94080	25 CN940830 GN940831 COLLECTION DATE FRI, 26 AUG 1994 <-1.0	25 CN940856 GN940857 COLLECTION DATE SAT, 27 AUG 1994	25 CN940874 Gn940875 COLLECTION DATE SAT, 28 AUG 1994 <1.0
Residue (Settleable) Residue (Total Volatile) ON SITE ANALYSES pH (units) Temperature (°C) SAMPLE NUMBERS  VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane	24 CN940800 & GN94080 GN940824 & GN94080 COLLECTION DATE THURS, 25 AUG 1994 <1.0	25 CN940830 GN940831 COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0	25 CN940856 GN940857 COLLECTION DATE SAT, 27 AUG 1994 <1.0	25 CN940874 Gn940875 COLLECTION DATE SAT, 28 AUG 1994 <1.0
Residue (Settleable) Residue (Total Volatile) ON SITE ANALYSES PH (units) Temperature (*C) SAMPLE NUMBERS  VOLATILE COMPOUNDS (ug/L) Benzene	24 CN940800 & GN94080 GN940824 & GN94080 COLLECTION DATE THURS, 25 AUG 1994	25 CN940830 GN940831 COLLECTION DATE FRI, 26 AUG 1994 <-1.0	25 CN940856 GN940857 COLLECTION DATE SAT, 27 AUG 1994 <1.0 <1.0 <1.0	25 CN940874 Gn940875 COLLECTION DATE SAT, 28 AUG 1994 <1.0 1.60 <1.0
Residue (Settleable) Residue (Total Volatile) ON SITE ANALYSES pH (units) Temperature (*C) SAMPLE NUMBERS  VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromoform Bromomethane Carbon tetrachloride	24 CN940800 & GN94080 GN940824 & GN94080 COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0	25 CN940830 GN940831 COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0	25 CN940856 GN940857 COLLECTION DATE SAT, 27 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	25 CN940874 Gn940875 COLLECTION DATE SAT, 28 AUG 1994 <1.0 1.60 <1.0 <1.0
Residue (Settleable) Residue (Total Volatile) ON SITE ANALYSES pH (units) Temperature (*C) SAMPLE NUMBERS  VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromoform Bromomethane Carbon tetrachloride Chlorobenzene	24 CN940800 & GN94080 GN940824 & GN94080 COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.1.0	25 CN940830 GN940831 COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0	25 CN940856 GN940857 COLLECTION DATE SAT, 27 AUG 1994 <1.0 <1.0 <1.0	25 CN940874 Gn940875 COLLECTION DATE SAT, 28 AUG 1994 <1.0 1.60 <1.0
Residue (Settleable) Residue (Total Volatile) ON SITE ANALYSES pH (units) Temperature ("C) SAMPLE NUMBERS  VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromoofom Bromomethane Carbon tetrachloride Chlorodenzene Chlorodenzene Chlorodenzene Chlorodethane Chloroethane	24 CN940800 & GN94080 GN940824 & GN94080 COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	25 CN940830 GN940831  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	25 CN940856 GN940857 COLLECTION DATE SAT, 27 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	25 CN940874 Gn940875 COLLECTION DATE SAT, 28 AUG 1994 <1.0 1.60 <1.0 <1.0 <1.0 <1.0 <1.0
Residue (Settleabie) Residue (Total Volatile) ON SITE ANALYSES pH (units) Temperature (°C) SAMPLE NUMBERS  VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromoform Bromomethane Carbon tetrachloride Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chloroform	24 CN940800 & GN94080 GN940824 & GN94080 COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	25  CN940830  GN940831  COLLECTION DATE  FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	25 CN940856 GN940857 COLLECTION DATE SAT, 27 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	25 CN940874 Gn940875 COLLECTION DATE SAT, 28 AUG 1994 <1.0 1.60 <1.0 <1.0 <1.0 <1.0 <1.0
Residue (Settleable) Residue (Total Volatile) ON SITE ANALYSES pH (units) Temperature ("C) SAMPLE NUMBERS  VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromoofom Bromomethane Carbon tetrachloride Chlorodenzene Chlorodenzene Chlorodenzene Chlorodethane Chloroethane	24 CN940800 & GN94080 GN940824 & GN94080 COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	25 CN940830 GN940831  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	25 CN940856 GN940857 COLLECTION DATE SAT, 27 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	25 CN940874 Gn940875 COLLECTION DATE SAT, 28 AUG 1994 <1.0 1.60 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
Residue (Settleabie) Residue (Total Volatile)  ON SITE ANALYSES pH (units) Temperature (°C)  SAMPLE NUMBERS  VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromoform Bromomethane Carbon tetrachloride Chlorodibromomethane Chlorodibromomethane Chloroform 2-Chlorothane Chlorothane Chlorotemy (Settleabie) Chlorothane Chlorotemy (Settleabie)	24 CN940800 & GN94080 GN940824 & GN94080 COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	25  CN940830  GN940831  COLLECTION DATE  FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	25 CN940856 GN940857 COLLECTION DATE SAT, 27 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	25 CN940874 Gn940875 COLLECTION DATE SAT, 28 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
Residue (Settleable) Residue (Total Volatile) Residue (Total Volatile)  ON SITE ANALYSES pH (units) Temperature (°C)  SAMPLE NUMBERS  VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromodichloromethane Bromotom Bromomethane Carbon tetrachloride Chlorobenzene Chlorodbromomethane Chlorotom 2-Chlorethylvinyl Ether Chloromethane Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane 1,2-Dichlorobenzene	24 CN940800 & GN94080 GN940824 & GN94080 COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	25 CN940830 GN940831  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	25 CN940856 GN940857  COLLECTION DATE SAT, 27 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	25 CN940874 Gn940875 COLLECTION DATE SAT, 28 AUG 1994 <1.0
Residue (Settleabie) Residue (Total Volatile) Residue (Total Volatile)  ON SITE ANALYSES pH (units) Temperature ("C)  SAMPLE NUMBERS  VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromoofom Bromoofom Bromoofthane Carbon tetrachloride Chlorobenzene Chlorodbromomethane Chlorodbromomethane Chlorofom 2-ChlorothyMinyl Ether Chlorodbromomethane Chlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene	24 CN940800 & GN94080 GN940824 & GN94080 COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	25  CN940830  GN940831  COLLECTION DATE  FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	25 CN940856 GN940857 COLLECTION DATE SAT, 27 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	25 CN940874 Gn940875 COLLECTION DATE SAT, 28 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
Residue (Settleable) Residue (Total Volatile) Residue (Total Volatile) Residue (Total Volatile)  ON SITE ANALYSES pH (units) Temperature (*C)  SAMPLE NUMBERS  VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromodichloromethane Bromoform Bromomethane Carbon tetrachloride Chlorobenzene Chlorodbromomethane Chlorothane Chlorothane Chlorothane Chlorothane Chlorothomomethane 1.2-Dichlorobenzene 1.3-Dichlorobenzene 1.4-Dichlorobenzene Dichlorodfluoromethane Dichlorodfluoromethane	24  CN940800 & GN94080 GN940824 & GN94080  COLLECTION DATE THURS, 25 AUG 1994 <1,0 <1,0 <1,0 <1,0 <1,0 <1,0 <1,0 <1,0	25 CN940830 GN940831  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	25 CN940856 GN940857  COLLECTION DATE SAT, 27 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	25 CN940874 Gn940875 COLLECTION DATE SAT, 28 AUG 1994 <1.0
Residue (Settleable) Residue (Total Volatile) Residue (Total Volatile)  ON SITE ANALYSES pH (unts) Temperature (°C)  SAMPLE NUMBERS  VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromofom Bromomethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chlorothane Chlorothane Chlorothane Chlorothane Chlorothane 1.2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,1-Dichlorobenzene 1,1-Dichlorothane 1,1-Dichlorothane 1,2-Dichlorothane 1,2-Dichlorothane	24 CN940800 & GN94080 GN940824 & GN94080 COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	25  CN940830 GN940831  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	25 CN940856 GN940857 COLLECTION DATE SAT, 27 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	25 CN940874 Gn940875 COLLECTION DATE SAT, 28 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
Residue (Settleable) Residue (Total Volatile) Residue (Total Volatile) Residue (Total Volatile)  ON SITE ANALYSES pH (units) Temperature ("C)  SAMPLE NUMBERS  VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromodichloromethane Bromodichloromethane Bromodichloromethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chlorotethane Chlorotethane Chlorotethane Chlorotethoromethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,1-Dichlorotethane	24  CN940800 & GN94080 GN940824 & GN94080  COLLECTION DATE THURS, 25 AUG 1994 <1,0 <1,0 <1,0 <1,0 <1,0 <1,0 <1,0 <1,0	25  CN940830  GN940831  COLLECTION DATE  FRI, 26 AUG 1994  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0	25 CN940856 GN940857 COLLECTION DATE SAT, 27 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	25 CN940874 Gn940875 COLLECTION DATE SAT, 28 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
Residue (Settleable) Residue (Total Volatile) Residue (Total Volatile)  ON SITE ANALYSES pH (units) Temperature (°C)  SAMPLE NUMBERS  VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromodichloromethane Bromodichloromethane Bromodichloromethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chlorothane Chlorothane Chlorothane Chlorothane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,1-Dichlorothane 1,1-Dichlorothane 1,1-Dichlorothane 1,1-Dichlorothane 1,2-Dichlorothane	24 CN940800 & GN94080 GN940824 & GN94080 COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	25  CN940830 GN940831  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	25 CN940856 GN940857 COLLECTION DATE SAT, 27 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	25 CN940874 Gn940875 COLLECTION DATE SAT, 28 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
Residue (Settleable) Residue (Total Volatile) Residue (Total Volatile) Residue (Total Volatile)  ON SITE ANALYSES pH (units) Temperature ("C)  SAMPLE NUMBERS  VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromodichloromethane Bromodichloromethane Bromodom Bromomethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chlorotethane Chlorotethane Chlorotethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,1-Dichlorotethane 1,1-Dichlorotethane 1,1-Dichlorotethane 1,1-Dichlorotethane 1,1-Dichlorotethane 1,1-Dichlorotethane 1,1-Dichlorotethane 1,2-Dichlorotethene Trans-1,2-Dichlorotethene Trans-1,2-Dichlorotethene Trans-1,2-Dichlorotenee Cis-1,3-Dichloropropane Cis-1,3-Dichloropropane	24  CN940800 & GN94080 GN940824 & GN94080  COLLECTION DATE THURS, 25 AUG 1994 <1,0 <1,0 <1,0 <1,0 <1,0 <1,0 <1,0 <1,0	25  CN940830 GN940831  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	25 CN940856 GN940857 COLLECTION DATE SAT, 27 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	25  CN940874 Gn940875  COLLECTION DATE SAT, 28 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
Residue (Settleable) Residue (Total Volatile) Residue (Total Volatile)  ON SITE ANALYSES pH (units) Temperature ("C)  SAMPLE NUMBERS  VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromodichloromethane Bromodichloromethane Carbon tetrachloride Chlorobenzene Chlorodiromomethane Chlorodiromomethane Chlorodiromomethane Chlorodiromomethane Chlorodiromomethane 1,2-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,1-Dichloroethane 1,2-Dichloroethene Trans-1,2-Dichloropethene 1,2-Dichloropropane	24 CN940800 & GN94080 GN940824 & GN94080 COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	25  CN940830 GN940831  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	25 CN940856 GN940857 COLLECTION DATE SAT, 27 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	25 CN940874 Gn940875 COLLECTION DATE SAT, 28 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
Residue (Settleabie) Residue (Total Volatile) Residue (Total Volatile) Residue (Total Volatile)  ON SITE ANALYSES pH (units) Temperature (*C)  SAMPLE NUMBERS  VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromodichloromethane Bromodichloromethane Bromodichloromethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chlorotethane Chlorotethane Chlorodibromomethane 1.2-Dichlorobenzene 1.3-Dichlorobenzene 1.4-Dichlorobenzene 1.1-Dichlorotethane 1.1-Dichlorotethane 1.1-Dichlorotethane 1.1-Dichlorotethane 1.1-Dichlorotethane 1.2-Dichlorotethane 1.2-Dichlorotethane 1.2-Dichlorotethane 1.2-Dichlorotethane 1.2-Dichlorotethane 1.2-Dichlorotethane 1.3-Dichlorotethane 1.3-Dichlorotethane 1.3-Dichlorotethane 1.3-Dichlorotethene Trans-1,3-Dichloropropene Ethyl Benzene Methylene Chloride	24  CN940800 & GN94080 GN940824 & GN94080  COLLECTION DATE THURS, 25 AUG 1994 <1,0 <1,0 <1,0 <1,0 <1,0 <1,0 <1,0 <1,0	25  CN940830 GN940831  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	25 CN940856 GN940857 COLLECTION DATE SAT, 27 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	25  CN940874 Gn940875  COLLECTION DATE SAT, 28 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
Residue (Settleable) Residue (Total Volatile) Residue (Total Volatile) Residue (Total Volatile)  ON SITE ANALYSES pH (units) Temperature ("C)  SAMPLE NUMBERS  VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromodichloromethane Bromodichloromethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chlorothane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroptopane Cis-1,3-Dichloroptopene Trans-1,2-Dichloroptopene Trans-1,3-Dichloroptopene Ethyl Benzene Methylene Chloride 1,1,2,2-Tetrachloroethane	24 CN940800 & GN94080 GN940824 & GN94080 COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	25  CN940830 GN940831  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	25 CN940856 GN940857 COLLECTION DATE SAT, 27 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	25  CN940874  Gn940875  COLLECTION DATE  SAT, 28 AUG 1994  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0
Residue (Settleable) Residue (Total Volatile) Residue (Total Volatile) Residue (Total Volatile) Residue (Total Volatile)  ON SITE ANALYSES pH (units) Temperature ("C)  SAMPLE NUMBERS  VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromodichloromethane Bromodichloromethane Bromodichloromethane Carbon tetrachloride Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloropropane Cis-1,3-Dichloropropene Ethyl Benzene Methylene Chloride 1,1,2-Tetrachloroethane 1,1,2-Tetrachloroethane 1,1,2-Tetrachloroethane 1,1,2-Tetrachloroethane 1,1,2-Tetrachloroethane 1,1,2-Tetrachloroethane 1,1-Tetrachloroethane 1,1-Tetrachloroethylene 1,1-Tetrachloroethylene 1,1-Tetrachloroethylene	24  CN940800 & GN94080 GN940824 & GN94080  COLLECTION DATE THURS, 25 AUG 1994 <1,0 <1,0 <1,0 <1,0 <1,0 <1,0 <1,0 <1,0	25  CN940830 GN940831  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	25 CN940856 GN940857 COLLECTION DATE SAT, 27 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	25  CN940874 Gn940875  COLLECTION DATE SAT, 28 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
Residue (Settleable) Residue (Total Volatile) Residue (Total Volatile)  ON SITE ANALYSES pH (units) Temperature ("C)  SAMPLE NUMBERS  VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromodichloromethane Bromomethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroptopane Cis-1,3-Dichloroptopene Trans-1,2-Dichloroptopene Trans-1,2-Dichloroptopene Trans-1,2-Dichloroptopene Ethyl Benzene Methylene Chloride 1,1,2-Tetrachloroethane Tetrachloroethylene Toluene Toluene 1,1,1-Trichloroethane	24 CN940800 & GN94080 GN940824 & GN94080 GN940824 & GN94080 COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	25  CN940830 GN940831  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	25 CN940856 GN940857 COLLECTION DATE SAT, 27 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	25 CN940874 Gn940875 COLLECTION DATE SAT, 28 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
Residue (Settleable) Residue (Total Volatile) Residue (Total Volatile) Residue (Total Volatile)  ON SITE ANALYSES pH (units) Temperature (*C)  SAMPLE NUMBERS  VOLATILE COMPOUNDS (ug/L) Benzene Bromotom Bromomethane Bromotom Bromomethane Carbon tetrachloride Chlorobenzene Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloropropane Ets-1,3-Dichloropropene Etsyl Benzene Methylene Chloride 1,1,2-Tetrachloroethane 1,1,2-Tetrachloroethane 1,1,2-Tetrachloroethane Trans-1-Tetrachloroethane Tetrachloroethylene Toluene	24  CN940800 & GN94080 GN940824 & GN94080  COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	25  CN940830 GN940831  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	25 CN940856 GN940857 COLLECTION DATE SAT, 27 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	25 CN940874 Gn940875 COLLECTION DATE SAT, 28 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
Residue (Settleabie) Residue (Total Volatile) Residue (Total Volatile) Residue (Total Volatile)  ON SITE ANALYSES pH (units) Temperature ("C)  SAMPLE NUMBERS  VOLATILE COMPOUNDS (ug/L.) Benzene Bromodichloromethane Bromoform Bromomethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chlorotenane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane 1,2-Dichlorotenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorotenane 1,1-Dichlorotenane 1,1-Dichlorotenane 1,1-Dichlorotenane 1,1-Dichlorotenane 1,1-Dichlorotenane 1,1-Dichlorotenane 1,1-Dichlorotenane Trans-1,2-Dichlorotenene Trans-1,3-Dichloropropene Ethyl Benzene Methylene Chloride 1,1,2-Tetrachloroethane 1,1,1-Trichloroethane 1,1-Trichloroethane 1,1-Trichloroethane 1,1-Trichloroethane 1,1-Trichloroethane 1,1-Trichloroethane Trichloroethylene Trichlorothylene	24 CN940800 & GN94080 GN940824 & GN94080 GN940824 & GN94080 COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	25  CN940830 GN940831  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	25 CN940856 GN940857 COLLECTION DATE SAT, 27 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	25 CN940874 Gn940875 COLLECTION DATE SAT, 28 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
Residue (Settleable) Residue (Total Volatile) Residue (Total Volatile)  ON SITE ANALYSES pH (units) Temperature (*C)  SAMPLE NUMBERS  VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromodichloromethane Bromodichloromethane Bromodichloromethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,1-Dichlorothane 1,1-Tirichlorothane 1,1,2-Tirichlorothane Tetrachloroethane Tetrachloroethane Total-Tirichlorothane Tirichlorothylene Tollorofluoromethane Trichlorofluoromethane Trichlorofluoromethane Trichlorofluoromethane Trichlorofluoromethane Trichlorofluoromethane Trichlorofluoromethane Trichlorofluoromethane Trichlorofluoromethane Trichlorofluoromethane	24  CN940800 & GN94080 GN940824 & GN94080  COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	25  CN940830 GN940831  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	25 CN940856 GN940857 COLLECTION DATE SAT, 27 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	25  CN940874 Gn940875  COLLECTION DATE SAT, 28 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
Residue (Settleable) Residue (Total Volatile) Residue (Total Volatile) Residue (Total Volatile) Residue (Total Volatile)  ON SITE ANALYSES pH (units) Temperature ("C)  SAMPLE NUMBERS  VOLATILE COMPOUNDS (ug/L.) Benzene Bromodichloromethane Bromoform Bromomethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chlorotenane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane 1,2-Dichlorotenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 1,1-Dichlorotenane 1,1-Dichlorotenane 1,1-Dichlorotenane 1,1-Dichlorotenane 1,1-Dichlorotenane 1,1-Dichlorotenane 1,1-Dichlorotenane 1,1-Dichlorotenane 1,1-Dichlorotenane 1,2-Dichlorotenane 1,1-Dichlorotenane 1,1-Dichlorotenane 1,1-Dichlorotenane 1,1-Z-Tetrachloroethane Tetrachloroethylene Toluene 1,1,1-Trichloroethane 1,1,1-Trichloroethane Trichloroethylene Trichlorotetylene	24 CN940800 & GN94080 GN940824 & GN94080 GN940824 & GN94080 COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	25  CN940830 GN940831  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	25 CN940856 GN940857 COLLECTION DATE SAT, 27 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	25 CN940874 Gn940875 COLLECTION DATE SAT, 28 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
Residue (Settleable) Residue (Total Volatile) Residue (Total Volatile) Residue (Total Volatile)  ON SITE ANALYSES pH (units) Temperature (*C)  SAMPLE NUMBERS  VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromoform Bromomethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chlorodenane Chlorodibromomethane Chlorodibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethane 1,1-Dichloropenzene Ethyl Benzene Methylene Chloride 1,1,2-Tetrachloroethane 1,1,2-Tichloroethane 1,1,2-Tichloroethane 1,1,2-Tichloroethane 1,1,2-Tichloroethane 1,1,2-Tichloroethane 1,1,1-Tirichloroethane Tichloroethylene Tichloroethylene Tichloroethylene Tirchloroethylene	24  CN940800 & GN94080 GN940824 & GN94080 GN940824 & GN94080  COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	25  CN940830 GN940831  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	25 CN940856 GN940857 COLLECTION DATE SAT, 27 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	25 CN940874 Gn940875 COLLECTION DATE SAT, 28 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0

# TABLE DA-2, SITE 1, BASE WWTF EFFLUENT Base Survey: SHAW AFB, SOUTH CAROLINA Survey Dates: 22 August - 2 September 1994 Contributing Sources: Sanitary, Industrial, and Inflow

	COLLECTION DATE	COLLECTION DATE	COLLECTION DATE
ROUP A ANALYTES (mg/L)	MON, 29 AUG 1994	TUES, 30 AUG 1994	WED, 31 AUG 1994
vmmonia	<.2	14.4	
Geddahl Nitrogen	1.		
litrate	15.		
itrite	<.02	<.02	<.02
hemical Oxygen Demand	2		
il and Grease	0.		
otal Petroleum Hydrocarbon	<1	4.2	<1
otal Phosphorus	2.	2.6	2
ROUP D ANALYTES (mg/L)			
Cyanide Control	<.005	<.005	0.03
BROUP E ANALYTES (ug/L)			
Phenois	<10	20	<10
ROUP F ANALYTES (mg/L)			
duminum	0.1	0.45	0.3
ursenic	<0.005	<0.005	<0.005
Barium	<0.01		<0.01
	<0.005	<0.0005	<0.0005
Beryllium	0.1		
oron		<0.001	<0.001
admium	<0.001		
Calcium			<0.005
otal Chromium	<0.005	<0.005	
opper	0.03		
on	0.3		
ead	<0.02	<0.02	<0.02
Mercury	<0.0005	< 0.005	<0.0005
Magnesium		1 0.94	0.9
Manganese	0.02		
	<0.005	<0.005	<0.005
lickel	5		
Potassium	<0.005	<0.005	<0.005
Selenium			
liver	<0.005	<0.005	<0.005
inc	0.0	3 0.0	0.
Group G (mg/L)		1	<u> </u>
Residue (total)	29	8 21:	3 3
ON SITE ANALYSES			
oH (units)	6	2	Not Recorded
Temperature (°C)			Not Recorded
remperature ( C)		<del></del>	
CAMPLE MUNICIPO	CN940889	CN940904	CN940922
SAMPLE NUMBERS		GN940905	GN940923
	GN940890	311940903	G11340320
	COLL FOTION DATE	COLLECTION DATE	COLLECTION DATE
	COLLECTION DATE	COLLECTION DATE	
VOLATILE COMPOUNDS (ug/L)	MON, 29 AUG 1994	TUES, 30 AUG 1994	WED, 31 AUG 1994
Benzene	<1.0	<1.0	<1.0
Bromodichloromethane	1.1	21 <1.0	<1.0
Bromoform	<1.0	<1.0	<1.0
Bromomethane	<1.0	<1.0	<1.0
Carbon tetrachloride	<1.0	<1.0	<1.0
Chlorobenzene	<1.0	<1.0	<1.0
	<1.0	<1.0	<1.0
Chlorodibromomethane		<1.0	<1.0
Chloroethane	<1.0		
2-Chlorethylvinyl Ether	<1.0	<1.0	<1.0
Chloroform	4,		
Chloromethane	<1.0	<1.0	<1.0
1,2-Dichlorobenzene	<1.0	<1.0	<1.0
1,3-Dichlorobenzene	<1.0	<1.0	<1.0
1,4-Dichlorobenzene	<1,0		3 <1.0
Dichlorodifluoromethane	<1.0	<1.0	<1.0
	<1.0	<1.0	<1.0
1,1-Dichloroethane	<1.0	<1.0	<1.0
1,2-Dichloroethane			<1.0
1,1-Dichloroethene	<1.0	<1.0	
Trans-1,2-Dichloroethene	<1.0	<1.0	<1.0
1,2-Dichloropropane	<1.0	<1.0	<1.0
Cis-1,3-Dichloropropene	<1.0	<1.0	<1.0
Trans-1,3-Dichloropropene	<1,0	<1.0	<1.0
Ethyl Benzene	<1.0	<1.0	<1.0
Methylene Chloride	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane	<1.0	<1.0	<1.0
Tetrachloroethylene	<1.0	<1.0	<1.0
	<1.0		55 < 1.0
Toluene		<1.0	<1.0
1,1,1-Trichloroethane	<1.0		
1,1,2-Trichloroethane	<1.0	<1.0	<1.0
Trichloroethylene	<1.0	<1.0	<1.0
Trichlorofluoromethane	<1.0	<1.0	<1.0
Vinyl Chloride	<1.0	<1.0	<1.0
	<1.0	<1.0	<1.0
	1 - 1.0		<1.0
o-Xylene	(10	1<1 ()	
m-Xylene	<1.0	<1.0	
	<1.0 <1.0	<1.0	<1.0
m-Xylene			

### TABLE DA-3, Site 1, BASE WWTF EFFLUENT Base Survey: SHAW AFB, SOUTH CAROLINA

Survey Dates: 22 August to 2 September 1994

<b>Conributing Sources:</b>	Sanifary	Industrial.	and Inflow
Colling addices.	Jaimai y,	maasma,	and minon

Total Toxic Organics 624 & 625 (ug/L)	COLLECTION DATE	Total Toxic Organics 624 & 625 (ug/L)	COLLECTION DATE
Volatile Compounds	Wed, 31 Aug 94	Base Neutral Compounds (ug/L)	Wed, 31 AUG 1994
Benzene	<5.0	Acenapthene	<5.0
Bromodichloromethane	<5.0	Acenaphthylene	<5.0
Bromoform	<5.0	Anthracene	<5.0
Bromomethane	<5.0	Benzidine	<30.0
Carbon tetrachloride	<5.0	Benzo(a)anthracene	<5.0
Chlorobenzene	<5.0	Benzo(b)fluoranthene	<5.0
Chloroethane	<5.0	Benzo(a)pyrene	<5.0
2-Chloroethyvinylether	<5.0	Benzo(k)pyrene	<5.0
Chloroform	<5.0	Benzo(g,h,i,)perylene	<5.0
Chloromethane	<5.0	Bis(2-chloroethyl)ether	<5.0
Dibromochloromethane	<5.0	Bis(2-chloroethoxy)methane	<5.0
1,2-Dichlorobenzene	<5.0	Bis(2-chloroisopropyl)ether	<5.0
1,3-Dichlorobenzene	<5.0	Bis(2-ethylhexyl)phthalate	
1,4-Dichlorobenzene	<5.0	4-Bromophenyl-phenylether	<5.0 <5.0
1,1-Dichloroethane	<5.0	Butylbenzylphthalate	Not Analyzed
1,2-Dichloroethane	<5.0	Chlordane	<5.0
1,1-Dichloroethene	<5.0	2-Chloronaphthalene	<5.0
cis-1,2-Dichloroethene	<5.0	4-Chlorophenyl-phenyl ether	<5.0
Trans-1,2-Dichloroethene	<5.0	Chrysene	<5.0
1,2-Dichloropropane	<5.0	Dibenzo(a,h)anthracene	<5.0
Cis-1,3-Dichloropropene	<5.0	Dibenzofuran	<5.0
Trans-1,3-Dichloropropene	<5.0	1,2-Dichlorobenzene	<5.0
Ethylbenzene	<5.0	1,3-Dichlorobenzene	<5.0
Freon 113	<5.0	1,4-Dichlorobenzene	<40.0
Methylene Chloride	<5.0	3,3'-Dichlorobenzidine	10
1,1,2,2-Tetrachioroethane	<5.0	Diethylphthalate Dimethyl phthalate	I<5.0
Tetrachloroethene	<5.0		<5.0
Toluene	<5.0	Di-n-butylphthalate	<5.0 <5.0
1,1,1-Trichloroethane	<5.0	2.4-Dinitrotoluene	<5.0
1,1,2-Trichloroethane	<5.0	2,6-Dinitrotoluene	<5.0
Trichloroethene	<5.0	Di-n-octylphthalate	<5.0
Trichlorofluoromethane	<5.0	Fluoranthene	<5.0
Vinyl Chloride	<5.0	Fluorene Hexachlorobenzene	<5.0
o-Xylene	<5.0	Hexachlorobutadiene	<5.0
m-Xylene	<5.0	Hexachlorocyclopentadiene	<5.0
p-Xylene	<5.0	Hexachioroethane	<5.0
	COLLECTION DATE	Indeno(1,2,3-cd)pyrene	<5.0
DODL & DECTIONES (val)	Wed, 31 Aug 94	Isophorone	<5.0
PCB's & PESTICIDES (ug/L)	<0.01	Naphthalene	<5.0
Alpha-BHC	<0.01	Nitrobenzene	<5.0
Beta-BHC	<0.01	N-Nitroso dimethyl amine -	<5.0
Detta-BHC Lindane (gamma-BHC)	<0.01	N-Nitroso-di-n-propylamine	<5.0
	<0.01	N-Nitrosodiphenylamine	<5.0
Heptachlor Aldrin	<0.01	Phenanthrene	<5.0
Heptachlor Epoxide	<0.01	Pyrene	<5.0
Endosulfan I		1,2,4-Trichlorobenzene	<5.0
Dieldrin	<0.01	1,-,	
4.4' DDE	<0.01	Acid Compounds (ug/L)	
Endrin	<0.01	P-Chloro-m-cresol	<5.0
Endosulfan II	<0.01	2-Chorophenol	<5.0
4,4' DDD	<0.01	2,4-Dichorophenol	<5.0
Endosulfan Sulfate	<0.01	2,4-Dimethylphenol	<5.0
4,4-DDT	<0.01	2,4-Dinitrophenol	<20.0
Endrin Ketone	Not Analyzed	4,6-Dinitro-2-methylphenol	<20.0
Methoxychlor	<0.05	2-Nitrophenol	<5.0
Chlordane	<0.05	4-Nitrophenol	<20.0
Alpha-Chiorodane	Not Reported	Pentachlorophenol	<20.0
Gamma-Chlorodane	Not Reported	Phenol	12
Toxaphene	<1	2,4,6-Trichlorophenol	<5.0
Endrin Aldehyde	<0.01		
Arochlor 1016	<0.5	Sample Number	GN940904
Arochior 1221	<0.5	1	CN940922
Arochlor 1232	<0.5		
Arochlor 1242	<0.5		
Arochlor 1248	<0.5		
Arochior 1254	<0.5		
Arochlor 1260	<0.5		<u> </u>
SAMPLE NUMBER	CN940922		
	CN940889		
	CN940915		
	CN940918		

#### TABLE DB-1, SITE 2, BASE WWTF INFLUENT Base Survey: SHAW AFB, SOUTH CAROLINA Survey Dates: 22 August - 2 September 1994 Contributing Sources: Sanitary, Industrial, and Inflow COLLECTION DATE SAT, 27 AUG 1994 COLLECTION DATE COLLECTION DATE COLLECTION DATE THURS, 25 AUG 1994 FRI, 26 AUG 1994 WED, 28 AUG 1994 GROUP A ANALYTES (mg/L) 11.6 Ammonia 21.5 Kjeddahl Nitrogen Nitrate < 02 <.02 <.02 <.02 Nitrite 160 170 150 150 Duplicate is 120 Biochemical Oxygen Demand Chemical Oxygen Demand 204 207 31.2 51 Oil and Grease 5.3 3.5 Total Petroleum Hydrocarbon 3.7 2.7 Total Phosphorus GROUP D ANALYTES (mg/L) <.005 0.012 < 0.005 <.005 Cyanide GROUP E ANALYTES (ug/L) 13 15 10 24 Phenois GROUP F ANALYTES (mg/L) 1.3 1.3 1.6 Aluminum <0.005 <0.005 <0.005 <0.005 Arsenic 0.01 0.03 0.02 0.02 Barium <0.0005 <0.0005 <0.0005 <0.0005 Beryllium 0.15 0.19 0.19 <0.001 <0.001 <0.001 <0.001 Cadmium 9.2 9.9 8.9 9.1 Calcium <0.005 <0.005 <0.005 <0.005 Total Chromium 0.15 0.088 0.16 Соррег 0.33 0.81 0.31 1.6 <0.02 <0.02 <0.02 Lead Magnesium 0.26 0.25 0.24 0.27 Manganese 0.0006 < 0.0005 Mercury <0.005 <0.005 <0.005 <0.005 Nickel 6.3 7.5 Not requested Potassium < 0.005 <0.005 <0.005 < 0.005 Selenium <0.005 <0.005 < 0.005 <0.005 Silver 0.06 0.07 0.05 0.08 Group G (mg/L) 285 1685 241 220 Residue (total) ON SITE ANALYSES 6.4 6.2 6.4 6.4 pH (units) 25 Temperature (°C) CN940804 and GN940805 CN940833 CN940859 CN940877 SAMPLE NUMBERS GN940860 GN940878 GN940806 and GN940825 GN940834 COLLECTION DATE COLLECTION DATE COLLECTION DATE COLLECTION DATE WED, 28 AUG 1994 VOLATILE COMPOUNDS (ug/L) THURS, 25 AUG 1994 FRI, 26 AUG 1994 SAT, 27 AUG 1994 <1.0 <1.0 <1.0 Benzene <1.0 Bromodichloromethane <1.0 < 1.0 <1.0 <1.0 <1.0 Bromoform <1.0 <1.0 <1.0 <1.0 Bromomethane <1.0 Carbon tetrachloride <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 Chlorobenzene <1.0 <1.0 <1.0 <1.0 Chlorodibromomethane <1.0 <1.0 Chloroethane <1.0 <1.0 <1.0 <10 Chloroform <1.0 <1.0 <1.0 2-Chlorethylvinyl Ether <1.0 Chloroform <1.0 Chloromethane <1.0 <1.0 <1.0 <1.0 1.2-Dichlorobenzene <1.0 <1.0 <1.0 1,3-Dichlorobenzene 1,4-Dichlorobenzene <10 <1.0 <1.0 <1.0 Dichlorodifluoromethane <1.0 <1.0 <1.0 1,1-Dichloroethane <1.0 <1.0 1,2-Dichloroethane <1.0 <1.0 <1.0 <1.0 1.1-Dichloroethene <1.0 <1.0 <1.0 <1 D <10 Trans-1,2-Dichloroethene <1.0 1,2-Dichloropropane <1.0 <1.0 <1.0 <1.0 Cis-1,3-Dichloropropene <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 Trans-1.3-Dichloropropene <1.0 <10 thyl Benzene <1.0 Methylene Chloride <1.0 <1.0 <1.0 <1.0 1.1.2.2-Tetrachloroethane <1.0 <1.0 <1.0 <1.0 Tetrachioroethylene 2.1 < 1.0 <1.0 Toluene <1.0 <1.0 <1.0 1,1,1-Trichloroethane <1.0 <1.0 <10 1.1.2-Trichloroethane <1.0 <10 <1.0 <1.0 Trichloroethylene <1.0 Trichlorofluoromethane <1.0 <1.0 <1.0 <1.0 <1.0 Vinyl Chloride <1.0 <1.0 <1.0 o-Xylene <1.0 m-Xylene <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 GN940835 GN940861 SAMPLE NUMBER GN940807 CN940884 CN940825

	DB-2, SITE 2, BAS				
	rvey: SHAW AFB				
Survey	Dates: 22 August	- 2	September 1994		
	Sources: Sanitary				
	COLLECTION DATE		COLLECTION DATE	COLLECTION DATE	
GROUP A ANALYTES (mg/L)	MON, 29 AUG 1994	17.2	TUES, 30 AUG 1994	WED, 31 AUG 1994	12.
Ammonia Kjeddahl Nitrogen		27.5		2	1
Nitrate	<.1			8 <.1	
Nitrite Biochemical Oxygen Demand	<.02	180	<.02 113	<.02 88	
Chemical Oxygen Demand		225		3	13
Oil and Grease		30	0	6	53.
Total Petroleum Hydrocarbon Total Phosphorus		1.8 3.6	l<1 1	8	2.
Total Phospholos		0.0			
GROUP D ANALYTES (mg/L)		0.000	<0.005	<0.005	
Cyanide		0.000	V0,003	10.000	
GROUP E ANALYTES (ug/L)					
Phenois		27	<10		1
GROUP F ANALYTES (mg/L)					
Aluminum		1.3	0.1		
Arsenic	<0.005	0.02	<0.005 <0.01	<0.005	0.1
Barium Beryllium	<0.0005	0.03	<0.005	<0.0005	
Boron		0.13	0.1	9	0.1
Cadmium	<0.001		<0.001		0.00
Calcium Total Chromium	<0.005	9.3	<0.005	<0.005	
Copper	10.003	0.18	0.03		0.1
Iron		0.85	0		2
Lead	<0.02 <0.0005		<0.02 <0.0005	_ <0.02 <0.0005	
Mercury Magnesium	V0.0005	1.1	V0.0003	1	_ 1
Manganese		0.29	0.01		0.2
Nickel	<0.005	6.3	<0.005	<0.005 6	-6
Potassium Selenium	<0.005	0,3	<0.005	<0.005	
Silver	<0.005		<0.005	<0.005	0.1
Zinc		0.08	0.0	03	0.1
Group G (mg/L)					
Residue (total)		302	32	23	44
ON SITE ANALYSES					
pH (units)		6.4		.2	
Temperature (°C)		25	4	24	2
SAMPLE NUMBERS	CN940892		CN940907	CN940925	_
	GN940893		GN940908	GN940926	
	COLLECTION DATE		COLLECTION DATE	COLLECTION DATE	
VOLATILE COMPOUNDS (ug/L)	MON, 29 AUG 1994		TUES, 30 AUG 1994	WED, 31 AUG 1994	
Benzene	<1.0		<1.0	<1.0	_
Bromodichloromethane	<1.0 <1.0		<1.0	4 <1.0 <1.0	
Bromoform Bromomethane	<1.0		<1.0	<1.0	
Carbon tetrachloride	<1.0		<1.0	<1.0	
Chlorobenzene	<1.0 <1.0		<1.0 <1.0	<1.0 <1.0	
Chlorodibromomethane Chloroethane	<1.0		<1.0	<1.0	
2-Chlorethylvinyl Ether	<1.0		<1.0	<1.0	
Chloroform	<1.0	1.09	<1.0	53 <1.0 <1.0	
Chloromethane 1,2-Dichlorobenzene	<1.0		<1.0	<1.0	
1,3-Dichlorobenzene	<1.0		<1.0	<1.0	_
1,4-Dichlorobenzene	<1.0	3.35	<1.0 <1.0	<1.0	3.4
Dichlorodifluoromethane 1,1-Dichloroethane	<1.0		<1.0	<1.0	_
1,2-Dichloroethane	<1.0		<1.0	<1.0	
1,1-Dichloroethene Trans-1,2-Dichloroethene	<1.0 <1.0		<1.0 <1.0	<1.0 <1.0	
1,2-Dichloropropane	<1.0		<1.0	<1.0	
Cis-1,3-Dichloropropene	<1.0		<1.0	<1.0	
Trans-1,3-Dichloropropene	<1.0 <1.0		<1.0 <1.0	<1.0 <1.0	
Ethyl Benzene Methylene Chloride	<1.0		<1.0	<1.0	
1,1,2,2-Tetrachioroethane	<1.0		<1.0	<1.0	
Tetrachloroethylene	<1.0	2 /4	<1.0 <1.0	<1.0	2.
Toluene 1,1,1-Trichloroethane	<1.0	2.41	<1.0	<1.0	
1,1,2-Trichloroethane	<1.0		<1.0	<1.0	_
Trichloroethylene	<1.0		<1.0 <1.0	<1.0 <1.0	
Trichlorofluoromethane Vinyl Chloride	<1.0 <1.0		<1.0	<1.0	_
o-Xylene	<1.0		<1.0	<1.0	
m-Xylene p-Xylene	<1.0 <1.0		<1.0 <1.0	<1.0 <1.0	
The A VINCINE	I~ 1.0		1 - 1.0	1	
p-A) lette				GN940927	_

### TABLE DB-3, Site 2, BASE WWTF INFLUENT

Base Survey: SHAW AFB, SOUTH CAROLINA Survey Dates: 22 August to 2 September 1994

Conribut	Conributing Sources: Sanitary, Industrial, and Inflow				
Total Toxic Organics 624 & 625 (ug/L)	COLLECTION DATE	Total Toxic Organics 624 & 625 (ug/L)	COLLECTION DATE		
Volatile Compounds	Sunday, 31 Aug 94	Base Neutral Compounds (ug/L)			
Benzene	<5.0	Acenapthene	<5.0		
Bromodichloromethane	<5.0	Acenaphthylene	<5.0		
Bromoform	<5.0	Anthracene	<5.0		
Bromomethane	<5.0	Benzidine	<300		
Carbon tetrachloride	<5.0	Benzo(a)anthracene	<5.0		
Chlorobenzene	<5.0	Benzo(b)fluoranthene	<5.0		
Chloroethane	<5.0	Benzo(a)pyrene	<5.0		
2-Chloroethyvinylether	<5.0	Benzo(k)fluoranthene	<5.0		
Chloroform	<5.0	Benzo(g,h,i,)perylene	<5.0		
Chloromethane	<5.0	Bis(2-chloroethyl)ether	<5.0		
Dibromochloromethane	<5.0	Bis(2-chloroethoxy)methane	<5.0		
1,2-Dichlorobenzene	<5.0	Bis(2-chloroisopropyl)ether	<5.0		
1,3-Dichlorobenzene	<5.0	Bis(2-ethylhexyl)phthalate	<5.0		
1,4-Dichlorobenzene	<5.0	4-Bromophenyl-phenyl ether	<5.0		
1,1-Dichloroethane	<5.0	Butylbenzylphthalate	Not Reported		
1,2-Dichloroethane	<5.0	Chlordane	Not Performed		
1,1-Dichloroethene	<5.0	2-Chloronaphthalene	<5.0		
cis-1,2-Dichloroethene	<5.0	4-Chlorophenyl-phenyl ether	<5.0		
Freon 113	<5.0	Chrysene	<5.0		
Trans-1,2-Dichloroethene	<5.0	Dibenzoa, hanthracene	<5.0		
1,2-Dichloropropane	<5.0	Di-n-butylphthalate	<5.0		
Cis-1,3-Dichloropropene	<5.0	1,2-Dichlorobenzene	<5.0		
Trans-1,3-Dichloropropene	<5.0	1,3-Dichlorobenzene	<5.0		
Ethylbenzene	<5.0	1,4-Dichlorobenzene	<5.0		
Methylene Chloride	<5.0	3,3'-Dichlorobenzidine	<40.0 70		
1,1,2,2-Tetrachloroethane	<5.0	Diethylphthalate			
Tetrachloroethene	<5.0	Dimethyl phthalate	<5.0		
Toluene	<5.0	2,4-Dinitrotoluene	<5.0		
1,1,1-Trichloroethane	<5.0	2,6-Dinitrotoluene	<5.0		
1,1,2-Trichloroethane	<5.0	Di-n-octylphthalate	<5.0		
Trichloroethylene	<5.0	Fluoranthene	<5.0		
Trichlorofluoromethane	<5.0	Fluorene	<5.0		
Vinyl Chloride	<5.0	Hexachlorobenzene	<5.0		
o-Xylene	<5.0	Hexachlorobutadiene	<5.0		
m-Xylene	<5.0	Hexachlorocyclopentadiene	<5.0		
p-Xylene	<5.0	Hexachloroethane	<5.0		
		Indeno(1,2,3-cd)pyrene	<5.0		
	COLLECTION DATE	Isophorone	<5.0		
PCB's & PESTICIDES (ug/L)	Sunday, 31 Aug 94	Naphthalene	<5.0		
Alpha-BHC	<0.01	Nitrobenzene	<5.0		
Beta-BHC	<0.01	N-Nitroso dimethyl amine	<5.0		
Delta-BHC	<0.01		16.0		
Lindane (gamma-BHC)	<0.01	N-Nitroso-di-n-propylamine	<5.0 <5.0		
Heptachlor	<0.01	N-Nitrosodiphenylamine	<5.0		
Aldrin	<0.01	Phenanthrene	<5.0		
Heptachlor Epoxide	<0.01	Pyrene	<5.0  <5.0		
Endosulfan I		0.01 1,2,4-Trichlorobenzene	125.0		
Dieldrin	<0.01	1.110			
4,4' DDE	<0.01	Acid Compounds (ug/L)	<5.0		
Endrin	<0.01	P-Chloro-m-cresol	<5.0		
Endosulfan II	<0.01	2-Chorophenol 2,4-Dichorophenol	<5.0		
4,4' DDD	<0.01		<5.0		
Endosulfan Sulfate	<0.01	2,4-Dimethylphenol			
4,4-DDT	<0.01	2,4-Dinitrophenol	<20.0 <20.0		
Endrin Ketone	Not Reported	4,6-Dinitro-2-methylphenol	<5.0		
Methoxychlor	<0.05	2-Nitrophenol 0.33 4-Nitrophenol	<20.0		
Chlordane		Pentachlorophenol	<20.0		
Alpha-Chlorodane	Not Reported	Phenol	<5.0		
Gamma-Chlorodane	Not Reported	2.4.6-Trichlorophenol	<5.0		
Toxaphene	<1	Z,¬,O-THORIOTOPHERIOT	70.0		
Endrin Aldehyde	<0.03	Sample Number	GN940907		
Arochlor 1016	<0.5	Sample Number	CN940925		
Arochlor 1221	<0.5		0.1370323		
Arochlor 1232	<0.5				
Arochlor 1242	<0.5				
Arochlor 1248	<0.5				
Arochlor 1254	<0.5				
Arochlor 1260	<0.5				
SAMPLE NUMBER	CN940892	. 1			

## TABLE DC-1, SITE 3, VEHICLE MAINTENANCE & WASHRACK EFFLUENT Base Survey: SHAW AFB, SOUTH CAROLINA

Survey Dates: 22 August - 2 September 1994

	Sources: Batte	<b>△</b> 1	\/-L:-I- R#	-:	O Machrook
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	CALIFARE DAM	10/ Shan	VADICIA W	aintenance.	~ WASHIALK
camerounistic	COULTS DAIL	erv onov.	venucie m	anncinance.	W HIMOHIIMON

	COLLECTION DATE		COLLECTION DATE
GROUP A ANALYTES (mg/L)			SAT, 27 AUG 1994
Ammonia	0.8	2.6	1.46
Kjeddahl Nitrogen	0,52		
Nitrate Nitrite	<.02		
Chemical Oxygen Demand	67	124	96
Oil and Grease	5.8	19.6	3.4
Total Petroleum Hydrocarbon	2	12.6	1.1
Total Phosphorus	1.1	0.64	4.7
GROUP D ANALYTES (mg/L)	<.005	<.005	<.005
Cyanide	1,005	1.000	
GROUP E ANALYTES (ug/L)			
Phenois	<10	15	<10
GROUP F ANALYTES (mg/L)			1.3
Aluminum	<0.005	<0.005	<0.005
Arsenic Barium	70.009	-0.000	
Beryllium			
Boron			
Cadmium	0.012	0.021	0.047
Calcium		0.007	~ 0.033
Total Chromium	0.006	0.007 0.038	~ 0.033 0.17
Copper	2.2	1.9	11
I nod	0.03	0.03	
Lead Magnesium	0.00		
Manganese			
Mercury	<0.0005	<0.0005	<0.0005
Nickel	<0.005	<0.005	0.013
Potassium			
Selenium	<0.005	<0.005	<0.005
Silver Zinc	0.13	0.14	0.46
ZIIIC			
Group G (mg/L)			
Residue (total)	134	206	477
ON SITE ANALYSES			
pH (units) Temperature (°C)			
reinperature ( 0)			
SAMPLE NUMBERS	CN940808, GN940809	CN940836	CN940862
SAMPLE NUMBERS	CN940808, GN940809 & GN950810	CN940836 GN940837	CN940862 GN940863
SAMPLE NUMBERS	& GN950810	GN940837	GN940863
	& GN950810 COLLECTION DATE	GN940837 COLLECTION DATE	
VOLATILE COMPOUNDS (ug/L)	& GN950810	GN940837	GN940863 COLLECTION DATE
	& GN950810  COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0	GN940837  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0	GN940863  COLLECTION DATE SAT, 27 AUG 1994  <1.0
VOLATILE COMPOUNDS (ug/L) Benzene	& GN950810  COLLECTION DATE  THURS, 25 AUG 1994  <1.0  <1.0  <1.0	GN940837  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0	GN940863  COLLECTION DATE  SAT, 27 AUG 1994  <1.0  <1.0
VOLATILE COMPOUNDS (ug/L) Benzene Bromodichioromethane Bromoform Bromomethane	& GN950810  COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0	GN940837  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0	GN940863  COLLECTION DATE SAT, 27 AUG 1994  <1.0 <1.0 <1.0
VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromoform Bromomethane Carbon tetrachloride	& GN950810  COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940837  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940863  COLLECTION DATE  SAT, 27 AUG 1994  <1.0  <1.0
VOLATILE COMPOUNDS (ug/L) Benzene Bromodichioromethane Bromonform Bromomethane Carbon tetrachioride Chiorobenzene	& GN950810  COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0	GN940837  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0	GN940863  COLLECTION DATE SAT, 27 AUG 1994  <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.
VOLATILE COMPOUNDS (ug/L) Benzene Bromodichioromethane Bromoform Bromomethane Carbon tetrachloride Chlorobenzene Chlorobenzene Chlorodibromomethane	& GN950810  COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940837  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940863  COLLECTION DATE SAT, 27 AUG 1994  <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.
VOLATILE COMPOUNDS (ug/L) Benzene Bromodichioromethane Bromonform Bromomethane Carbon tetrachioride Chiorobenzene	& GN950810  COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940837  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940863  COLLECTION DATE SAT, 27 AUG 1994  <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.
VOLATILE COMPOUNDS (ug/L) Benzene Bromodichioromethane Bromoform Bromomethane Carbon tetrachloride Chlorodibromomethane Chlorodibromomethane Chlorodrathane Chlorothane Chlorotrathane 2-Chlorethylvinyl Ether	& GN950810  COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940837  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940863  COLLECTION DATE  SAT, 27 AUG 1994  <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.
VOLATILE COMPOUNDS (ug/L) Benzene Bromodichioromethane Bromotorm Bromomethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chloroform Chloroform 2-Chlorethylvinyl Ether Chloromethane	& GN950810  COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940837  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940863  COLLECTION DATE SAT, 27 AUG 1994  <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.
VOLATILE COMPOUNDS (ug/L) Benzene Bromodichioromethane Bromoform Bromomethane Carbon tetrachioride Chlorobenzene Chlorodibromomethane Chloroform 2-Chlorethywinyl Ether Chlorothane Chlorothane Chloromethane Chloromethane Chloromethane Chloromethane Chloromethane Chloromethane Chloromethane	& GN950810  COLLECTION DATE THURS, 25 AUG 1994  <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.	GN940837  COLLECTION DATE FRI, 26 AUG 1994  <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.	GN940863  COLLECTION DATE  SAT, 27 AUG 1994  <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.
VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromoferm Bromomethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chloroform 2-Chloroform 2-Chlorothyvinyl Ether Chloromethane Chloromethane Chlorothoromethane Chlorodibromomethane	& GN950810  COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940837  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940863  COLLECTION DATE SAT, 27 AUG 1994  <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.
VOLATILE COMPOUNDS (ug/L) Benzene Bromodichioromethane Bromodichioromethane Bromomethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chlorothane Chloroform 2-Chlorethyvinyl Ether Chioromethane Chlorodibromomethane Chlorodibromomethane L2-Dichlorobenzene 1,3-Dichlorobenzene	& GN950810  COLLECTION DATE THURS, 25 AUG 1994  <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.	GN940837  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940863  COLLECTION DATE SAT, 27 AUG 1994  <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.
VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromoferm Bromomethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chloroform 2-Chloroform 2-Chlorothyvinyl Ether Chloromethane Chloromethane Chlorothoromethane Chlorodibromomethane	& GN950810  COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940837  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940863  COLLECTION DATE SAT, 27 AUG 1994  <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.
VOLATILE COMPOUNDS (ug/L) Benzene Bromodichioromethane Bromodichioromethane Bromodichioromethane Carbon tetrachioride Chiorobenzene Chiorodibromomethane Chioroethane Chioroethane Chioroform 2-Chiorethylvinyl Ether Chioromethane Chiorodibromomethane 1,2-Dichiorobenzene 1,3-Dichiorobenzene 1,4-Dichiorobenzene Dichiorodifiuoromethane 1,1-Dichiorodentane	& GN950810  COLLECTION DATE THURS, 25 AUG 1994  <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.	GN940837  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940863  COLLECTION DATE SAT, 27 AUG 1994  <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.
VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromodichloromethane Bromomethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chloroform 2-Chlorethyvinyl Ether Chlorodibromomethane Chlorodibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorodifluoromethane 1,1-Dichlorodifluoromethane 1,1-Dichlorodifluoromethane 1,1-Dichlorodifluoromethane 1,1-Dichlorodifluoromethane 1,2-Dichlorodifluoromethane 1,2-Dichlorodifluoromethane 1,2-Dichlorodifluoromethane	& GN950810  COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940837  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940863  COLLECTION DATE SAT, 27 AUG 1994  <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.
VOLATILE COMPOUNDS (ug/L) Benzene Bromodichioromethane Bromodichioromethane Bromotorm Bromomethane Carbon tetrachioride Chiorobenzene Chlorodibromomethane Chiorotorm 2-Chlorethyvinyl Ether Chlorotorhane Chiorotibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,1-Dichlorotethane 1,1-Dichlorotethane 1,1-Dichlorotethane 1,1-Dichlorotethane 1,1-Dichlorotethane 1,1-Dichlorotethane	& GN950810  COLLECTION DATE THURS, 25 AUG 1994  <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.	GN940837  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940863  COLLECTION DATE SAT, 27 AUG 1994  <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.
VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromodichloromethane Bromomethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chloroform 2-Chloroform 2-Chloroform 2-Chlorothywinyl Ether Chloromethane Chloromethane Chlorodibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane Trans-1,2-Dichloroethane Trans-1,2-Dichloroethane	& GN950810  COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940837  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940863  COLLECTION DATE SAT, 27 AUG 1994  <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.
VOLATILE COMPOUNDS (ug/L) Benzene Bromodichioromethane Bromodorm Bromomethane Carbon tetrachioride Chiorobenzene Chlorodibromomethane Chiorotethane Chiorotethane Chiorotiorm 2-Chlorethyvinyl Ether Chioromethane Chiorodibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene Dichlorodfiluoromethane 1,2-Dichlorotethane 1,1-Dichlorotethane 1,1-Dichlorotethane 1,1-Dichlorotethane 1,1-Dichlorotethane 1,2-Dichlorotethane 1,2-Dichlorotethene Trans-1,2-Dichlorotethene 1,2-Dichlorotethene 1,2-Dichlorotethene 1,2-Dichlorotethene 1,2-Dichlorotethene	& GN950810  COLLECTION DATE THURS, 25 AUG 1994  <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.	GN940837  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940863  COLLECTION DATE SAT, 27 AUG 1994  <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.
VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromodichloromethane Bromomethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chloroform 2-Chloroform 2-Chloroform 2-Chlorothywinyl Ether Chloromethane Chloromethane Chlorodibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane Trans-1,2-Dichloroethane Trans-1,2-Dichloroethane	& GN950810  COLLECTION DATE THURS, 25 AUG 1994  <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.	GN940837  COLLECTION DATE FRI, 26 AUG 1994  <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.	GN940863  COLLECTION DATE SAT, 27 AUG 1994  <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.
VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromodichloromethane Bromomethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chlorothane Chlorothane Chlorothane Chlorodibromomethane Chlorodibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene Dichlorodifluoromethane 1,1-Dichlorothane	& GN950810  COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940837  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940863  COLLECTION DATE SAT, 27 AUG 1994  <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.
VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromodichloromethane Bromodichloromethane Bromomethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chloroethane Chloroethane Chlorodibromomethane Chlorodibromomethane 1,2-Dichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,3-Dichloroethane 1,3-Dichloropropene Ethyl Benzene Methylene Chloride	& GN950810  COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940837  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940863  COLLECTION DATE SAT, 27 AUG 1994  <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.
VOLATILE COMPOUNDS (ug/L) Benzene Bromodichioromethane Bromodichioromethane Bromodichioromethane Bromodichioromethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chloroform 2-Chlorethylvinyl Ether Chloroform 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,1-Dichlorodifluoromethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethene Trans-1,2-Dichloropropane Cis-1,3-Dichloropropane	& GN950810  COLLECTION DATE THURS, 25 AUG 1994  <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.	GN940837  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940863  COLLECTION DATE SAT, 27 AUG 1994  <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.
VOLATILE COMPOUNDS (ug/L) Benzene Bromodichioromethane Bromodichioromethane Bromodichioromethane Bromodichioromethane Carbon tetrachioride Chlorobenzene Chlorodiromomethane Chlorotethane Chlorotethane Chlorotethane Chlorotethane Chlorotethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 1,1-Dichlorotethane 1,1-Dichlorotethane 1,2-Dichlorotethane 1,2-Dichlorotethane 1,2-Dichlorotethane 1,2-Dichlorotethane 1,2-Dichloropropane Cis-1,3-Dichloropropene Trans-1,2-Dichloropropene Ethyl Benzene Methylene Chloride 1,1,2-Z-Tetrachloroethane 1,1-Z-Z-Tetrachloroethane Etrachloroethane	& GN950810  COLLECTION DATE THURS, 25 AUG 1994  <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.	GN940837  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940863  COLLECTION DATE SAT, 27 AUG 1994  <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.
VOLATILE COMPOUNDS (ug/L) Benzene Bromodichioromethane Bromodichioromethane Bromoorm Bromomethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chlorodithoromethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene Dichlorodifluoromethane 1,2-Dichlorobenzene 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethane 1,1-Dichloropopene Ethyl Benzene Methylene Chloride 1,1,2-Tetrachloroethane Tetrachloroethylene Tetrachloroethylene Toluene	& GN950810  COLLECTION DATE THURS, 25 AUG 1994  <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.	GN940837  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940863  COLLECTION DATE SAT, 27 AUG 1994  <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.
VOLATILE COMPOUNDS (ug/L) Benzene Bromodichioromethane Bromodichioromethane Bromodichioromethane Bromodichioromethane Carbon tetrachioride Chlorobenzene Chlorodiromomethane Chlorotethane Chlorotethane Chlorotethane Chlorotethane Chlorotethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 1,1-Dichlorotethane 1,1-Dichlorotethane 1,2-Dichlorotethane 1,2-Dichlorotethane 1,2-Dichlorotethane 1,2-Dichlorotethane 1,2-Dichloropropane Cis-1,3-Dichloropropene Trans-1,2-Dichloropropene Ethyl Benzene Methylene Chloride 1,1,2-Z-Tetrachloroethane 1,1-Z-Z-Tetrachloroethane Etrachloroethane	& GN950810  COLLECTION DATE THURS, 25 AUG 1994  <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.	GN940837  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940863  COLLECTION DATE SAT, 27 AUG 1994  <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.
VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromodichloromethane Bromoorm Bromomethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chloroform 2-Chlorethylvinyl Ether Chlorodibromomethane Chlorodibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene Dichlorodifloromethane 1,2-Dichlorodenzene Dichlorodifloromethane 1,1-Dichlorotenane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethene Trans-1,2-Dichloropopene Ethyl Benzene Methylene Chloride 1,1,2-Tetrachloroethane Tetrachloroethylene Toluene 1,1-Trichloroethane Til-Tirchloroethane Til-Tirchloroethane Til-Tirchloroethane Til-Tirchloroethane Tirchloroethylene Trichloroethylene Trichloroethylene Trichloroethylene Trichloroethylene Trichloroethylene Trichloroethylene	& GN950810  COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940837  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940863  COLLECTION DATE SAT, 27 AUG 1994  <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.
VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromodichloromethane Bromodichloromethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chloroform 2-Chlorethyvinyl Ether Chloromethane Chlorodibromomethane 1,2-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,1-Dichlorothane 1,2-Dichlorothane 1,2-Dichlorothane 1,2-Dichlorothane 1,2-Dichlorothane 1,2-Dichlorothane 1,2-Dichlorothane 1,3-Dichlorothane 1,2-Dichlorothane 1,2-Dichlorothane 1,2-Dichlorothane 1,2-Dichlorothane 1,2-Dichlorothane Trans-1,3-Dichloropropene Ethyl Benzene Methylene Chloride 1,1,2-Tetrachlorothane Tetrachloroethylene Toluene 1,1,1-Trichlorothane Trichlorothone Trichlorothone Trichlorothone Trichlorothone Trichlorothone Trichlorothylene Trichlorothylene Trichlorothone Trichlorothylene Trichlorothylene Trichlorothylene Trichlorothylene Trichlorothylene Trichlorothylene Trichlorothylene Trichlorothylene	& GN950810  COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940837  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940863  COLLECTION DATE  SAT, 27 AUG 1994  <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.
VOLATILE COMPOUNDS (ug/L) Benzene Bromodichioromethane Bromodichioromethane Bromodichioromethane Bromomethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chloroform 2-Chlorethylvinyl Ether Chloromethane Chlorodibromomethane 1,2-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloropropane Cis-1,3-Dichloropropene Ethyl Benzene Ethyl Benzene Methylene Chloride 1,1,2-Tetrachloroethane 1,1,2-Tetrachloroethane 1,1,1-Trichloroethane 1,1,1-Trichloroethane 1,1,1-Trichloroethane 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1-Trichloroethane	& GN950810  COLLECTION DATE THURS, 25 AUG 1994  <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.	GN940837  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940863  COLLECTION DATE  SAT, 27 AUG 1994  <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.
VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromodichloromethane Bromodichloromethane Carbon tetrachloride Chlorobenzene Chlorodichoromethane Chlorotethane Chlorotethane Chlorotethane Chlorotethane Chlorotethane Chlorodibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene Dichlorotifluoromethane 1,1-Dichlorotethane 1,1-Dichlorotethane 1,2-Dichlorotethane 1,2-Dichlorotethane 1,2-Dichlorotethane 1,2-Dichloropropane Cis-1,3-Dichloropropene Ethyl Benzene Methylene Chloride 1,1,2-Tetrachloroethane Tetrachloroethylene Toluene 1,1,1-Trichloroethane 1,1,2-Trichloroethane Trichloroethylene Trichlorodel O-Xylene	& GN950810  COLLECTION DATE THURS, 25 AUG 1994  <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.	GN940837  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940863  COLLECTION DATE SAT, 27 AUG 1994  <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.
VOLATILE COMPOUNDS (ug/L) Benzene Bromodichioromethane Bromodichioromethane Bromodichioromethane Bromomethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chloroform 2-Chlorethylvinyl Ether Chloromethane Chlorodibromomethane 1,2-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloropropane Cis-1,3-Dichloropropene Ethyl Benzene Ethyl Benzene Methylene Chloride 1,1,2-Tetrachloroethane 1,1,2-Tetrachloroethane 1,1,1-Trichloroethane 1,1,1-Trichloroethane 1,1,1-Trichloroethane 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1-Trichloroethane	& GN950810  COLLECTION DATE THURS, 25 AUG 1994  <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.	GN940837  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940863  COLLECTION DATE SAT, 27 AUG 1994  <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.

Base Survey		4, HOSPITAL	
		3, SOUTH CAR	ROLINA
		- 2 Septembe	
	ributing Sour		•
	COLLECTION DATE	COLLECTION DATE	COLLECTION DATE
ROUP A ANALYTES (mg/L)	THURS, 25 AUG 1994	FRI, 26 AUG 1994	SAT, 27 AUG 1994
mmonia Jeddahl Nitrogen	3.2 18	3.2	2.0
Geddahl Nitrogen Iitrate	0.48		
	<.02		
Chemical Oxygen Demand	86	76	7:
Dil and Grease	3.8	1.8	1.
otal Petroleum Hydrocarbon	1.3		<1
otal Phosphorus	1.8	0.82	1.
GROUP D ANALYTES (mg/L)  Cyanide	<0.005	<0.005	<0.005
GROUP E ANALYTES (ug/L)			
Phenois	24	20	2
SROUP F ANALYTES (mg/L)			
Aluminum Arsenic	<0.005	<0.005	<0.005
Arsenic Barium	<0.000	0.003	<u> </u>
Beryllium			
Boron			
Cadmium	<0.001	<0.001	<0.001
Calcium			
otal Chromium	<0.005	<0.005	0.00
Copper	0.068	0.043	0.1
ron ead	0.63	0.4 <0.02	0.9 <0.02
.ead Mercury	<0.02 <0.0005	<0.02 <0.0005	<0.02 <0.0005
Mercury Magnesium	<0.000.0	c000.0>	<0.0005
Magnesium Manganese			<del></del>
Nanganese Nickel	0.009	<0.005	0.05
Potassium			
Selenium			300
Silver	0.007	0,005	0.00
Zinc	0.06	0.03	0.1
Group G (mg/L)	162	93	21
Residue (total)	162		ļ <u>.</u>
	<del>-</del> -	-	•
THE ANIAI VEES			
oH (units)			
oH (units)			
oH (units) Femperature (*C)	CN940812	CN940839	CN940865
pH (units) Temperature (°C)	CN940812 GN940814	CN940839 GN940840	CN940865 GN940866
pH (units) Temperature (°C)	GN940814	GN940840	GN940866
oH (units) Temperature (*C) SAMPLE NUMBERS	GN940814 COLLECTION DATE	GN940840 COLLECTION DATE	GN940866 COLLECTION DATE
DH (units) Temperature (*C) SAMPLE NUMBERS  VOLATILE COMPOUNDS (ug/L)	GN940814 COLLECTION DATE THURS, 25 AUG 1994	GN940840 COLLECTION DATE FRI, 26 AUG 1994	GN940866 COLLECTION DATE SAT, 27 AUG 1994
pH (units) Temperature (*C) SAMPLE NUMBERS  VOLATILE COMPOUNDS (ug/L) Benzene	GN940814 COLLECTION DATE THURS, 25 AUG 1994 <1.0	GN940840 COLLECTION DATE FRI, 26 AUG 1994 <1.0	GN940866 COLLECTION DATE SAT, 27 AUG 1994 <1.0
pH (units) Temperature (*C) SAMPLE NUMBERS  VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane	GN940814  COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0	GN940840  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0	GN940866 COLLECTION DATE SAT, 27 AUG 1994 <1.0
DH (units) Temperature (*C) SAMPLE NUMBERS  VOLATILE COMPOUNDS (ug/L) Benzene Bromodichioromethane Bromoform	GN940814 COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0	GN940840 COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0	GN940866  COLLECTION DATE SAT, 27 AUG 1994 <1.0  4.2
pH (units) Temperature (*C) SAMPLE NUMBERS  VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromomethane Bromomethane	GN940814  COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0	GN940840  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0	GN940866  COLLECTION DATE SAT, 27 AUG 1994 <1.0 4.2 11
pH (units) Temperature (*C) SAMPLE NUMBERS  VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromodorm Bromomethane Carbon tetrachloride	GN940814  COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940840  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940866  COLLECTION DATE SAT, 27 AUG 1994 <1.0 4.2 4.1 <1.0 <1.0
pH (units) Temperature (*C) SAMPLE NUMBERS  VOLATILE COMPOUNDS (ug/L) Benzene Bromodichioromethane Bromoform Bromomethane Bromomethane Carbon tetrachloride Chlorobenzene	GN940814  COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940840 COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940866  COLLECTION DATE SAT, 27 AUG 1994 <1.0  4.2  11 <1.0 <1.0 <1.0 <1.1.0
pH (units) Temperature (°C) SAMPLE NUMBERS  VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromodichloromethane Bromomethane Carbon tetrachloride Chlorobenzene Chlorodbenzene Chlorodbromomethane	GN940814  COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940840  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940866  COLLECTION DATE SAT, 27 AUG 1994 <1.0 4.2 11 <1.0 <1.0
pH (units) Temperature (*C) SAMPLE NUMBERS  VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromoform Bromomethane Carbon tetrachloride Chlorobenzene Chlorobenzene Chloroethane	GN940814  COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940840  COLLECTION DATE FRI, 26 AUG 1994  <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.	GN940866  COLLECTION DATE SAT, 27 AUG 1994 <1.0
pH (units) Temperature (*C) SAMPLE NUMBERS  VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromoform Bromomethane Carbon tetrachloride Chlorodbromomethane Chlorodbromomethane Chlorothane 2-Chlorothyvinyl Ether	GN940814  COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940840  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940866  COLLECTION DATE SAT, 27 AUG 1994 <1.0 4.2 11 <1.0 <1.0 <1.0 <1.0 <1.0
pH (units) Temperature (°C) SAMPLE NUMBERS  VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromoform Bromomethane Carbon tetrachloride Chlorobenzene Chloroethane Chlorotethane Chlorotethyivinyl Ether Chlorotem	GN940814  COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940840  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940866  COLLECTION DATE SAT, 27 AUG 1994 <1.0 4.2 11 <1.0 <1.0 <1.0 <1.0 <1.0
pH (units) Temperature (*C) SAMPLE NUMBERS  VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromodichloromethane Carbon tetrachloride Chlorobenzene Chlorobenzene Chloroethane 2-Chloroethyvinyl Ether Chloromethane Chloromethane	GN940814  COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940840  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940866  COLLECTION DATE SAT, 27 AUG 1994  <1.0  4.2  4.1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0
pH (units) Temperature (*C) SAMPLE NUMBERS  VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromoform Bromomethane Carbon tetrachloride Chlorobenzene Chlorodbromomethane 2-ChlorethyVinyl Ether Chloroform Chloroform Chloroform Chloroform 2-Chlorotethane 1,2-Dichlorobenzene	GN940814  COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940840  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940866  COLLECTION DATE SAT, 27 AUG 1994 <1.0  4.2  11 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
pH (units) Temperature (°C) SAMPLE NUMBERS  VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromodichloromethane Bromodichloromethane Carbon tetrachloride Chlorobenzene Chloroethane 2-Chlorethytvinyl Ether Chlorofthoromethane Chloromethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene	GN940814  COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940840  COLLECTION DATE FRI, 26 AUG 1994  <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.	GN940866  COLLECTION DATE SAT, 27 AUG 1994 <1.0
pH (units) Temperature (°C) SAMPLE NUMBERS  VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromodorm Bromomethane Carbon tetrachloride Chlorobenzene 2-Chlorethyvinyl Ether Chlorofom Chlorofom Chlorofom 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene Dichlorobenzene	GN940814  COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940840  COLLECTION DATE FRI, 26 AUG 1994  <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.	GN940866  COLLECTION DATE SAT, 27 AUG 1994 <1.0
pH (units) Temperature (*C) SAMPLE NUMBERS  VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromoform Bromomethane Carbon tetrachloride Chlorobenzene Chlorothane 2-Chlorothynyl Ether Chloroform Chlorotom Chlorotomethane 1,3-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,1-Dichlorobenzene 1,1-Dichlorobenzene 1,1-Dichlorobenzene 1,1-Dichlorobenzene 1,1-Dichlorobenzene	GN940814  COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940840  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940866  COLLECTION DATE SAT, 27 AUG 1994 <1.0 4.2 11 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <
pH (units) Temperature (°C) SAMPLE NUMBERS  VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromodichloromethane Garbon tetrachloride Chlorobenzene Chlorothane Chlorothane Chlorothane Chlorothane Chlorothane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene Dichlorodfluoromethane 1,1-Dichlorodenae 1,1-Dichlorodenae 1,2-Dichlorodenae 1,2-Dichlorodenae 1,2-Dichlorodenae 1,2-Dichlorothane 1,2-Dichlorothane 1,2-Dichlorothane 1,2-Dichlorothane	GN940814  COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940840  COLLECTION DATE FRI, 26 AUG 1994  <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.	GN940866  COLLECTION DATE SAT, 27 AUG 1994 <1.0
pH (units) Temperature (°C) SAMPLE NUMBERS  VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromoform Bromomethane Carbon tetrachloride Chlorobenzene Chlorodbromomethane 2-Chlorethyvinyl Ether Chloroform Chlorothane 1,3-Dichlorobenzene 1,4-Dichlorobenzene Dichlorobenzene Dichlorobenzene 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane	GN940814  COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940840  COLLECTION DATE  FRI, 26 AUG 1994  <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.	GN940866  COLLECTION DATE SAT, 27 AUG 1994 <1.0
pH (units) Temperature (°C) SAMPLE NUMBERS  VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromoform Bromomethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chlorothane 2-Chlorethywinyl Ether Chlorotom Chlorotom 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,1-Dichlorotenane 1,1-Dichlorotethane 1,1-Dichlorotethane 1,1-Dichlorotethane 1,1-Dichlorotethane 1,1-Dichlorotethane 1,1-Dichlorotethene Trans-1,2-Dichlorotethene	GN940814  COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940840  COLLECTION DATE FRI, 26 AUG 1994  <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.	GN940866  COLLECTION DATE SAT, 27 AUG 1994 <1.0  4.2  11 <1.0 <<1.0 <<1.0 <<1.0 <<1.0 <<1.0 <<1.0 <<1.0 <<1.0 <<1.0 <<1.0 <<1.0 <<1.0 <<1.0 <<1.0 <<1.0 <<1.0 <<1.0 <<1.0 <<1.0 <<1.0 <<1.0 <<1.0 <<1.0 <<1.0 <<1.0 <<1.0 <<1.0 <<1.0 <<1.0 <<1.0 <<1.0 <<1.0 <<1.0 <<1.0 <<1.0 <<1.0 <<1.0 <<1.0 <<1.0 <<1.0 <<1.0 <<1.0 <<1.0 <<1.0 <<1.0 <<1.0 <<1.0 <<1.0 <<1.0 <<1.0 <<1.0 <<1.0 <<1.0 <<1.0 <<1.0 <<1.0 <<1.0 <<1.0 <<1.0 <<1.0 <<1.0 <<1.0 <<1.0 <<1.0 <<1.0
pH (units) Temperature (°C) SAMPLE NUMBERS  VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromodichloromethane Carbon tetrachloride Chlorobenzene Chlorothane Chlorothane Chlorothane Chlorothane Chlorothane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,1-Dichlorothane 1,1-Dichlorothane 1,1-Dichlorothane 1,1-Dichlorothane 1,1-Dichlorothane 1,1-Dichlorothane 1,1-Dichlorothane 1,1-Dichlorothane 1,1-Dichlorothene 1,2-Dichlorothene 1,2-Dichlorothene 1,2-Dichlorothene 1,2-Dichlorothene 1,2-Dichlorothene 1,2-Dichlorothene	GN940814  COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940840  COLLECTION DATE FRI, 26 AUG 1994  <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.	GN940866  COLLECTION DATE SAT, 27 AUG 1994 <1.0
pH (units) Temperature (°C) SAMPLE NUMBERS  VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromoform Bromodichloromethane Carbon tetrachloride Chlorodbromomethane Chlorodbromomethane 2-Chlorethylvinyl Ether Chloroform Chloroform 1,2-Dichlorobenzene 1,2-Dichlorobenzene 1,1-Dichlorobenzene 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene Trans-1,2-Dichloroethene Trans-1,2-Dichloroethene Gis-1,3-Dichloroptopene	GN940814  COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940840  COLLECTION DATE FRI, 26 AUG 1994  <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.	GN940866  COLLECTION DATE SAT, 27 AUG 1994 <1.0
pH (units) Temperature (°C) SAMPLE NUMBERS  VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromoform Bromomethane Carpon tetrachloride Chlorobenzene Chlorodbromomethane 2-Chlorethyvinyl Ether Chloroform Chloroform 1,2-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene Trans-1,2-Dichloroethene 1,2-Dichloropropene Trans-1,3-Dichloropropene Trans-1,3-Dichloropropene Trans-1,3-Dichloropropene	GN940814  COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940840  COLLECTION DATE FRI, 26 AUG 1994  <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.	GN940866  COLLECTION DATE SAT, 27 AUG 1994 <1.0  4.2  11  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0
VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromoform Bromomethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chloroethane 2-Chlorethyvinyl Ether Chloroform Chloromethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene Dichlorodifluoromethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethene 1,1-Dichloroethene 1,1-Dichloroethene 1,1-Dichloropenzene 1,1-Dichloropenzene 1,1-Dichloropenzene 1,1-Dichloroethene 1,1-Dichloropenzene	GN940814  COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940840  COLLECTION DATE  FRI, 26 AUG 1994  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0	GN940866  COLLECTION DATE SAT, 27 AUG 1994 <1.0  4.2  11  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0
pH (units) Temperature (°C) SAMPLE NUMBERS  VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromodichloromethane Bromodichloromethane Carbon tetrachloride Chlorodenzene Chlorodibromomethane Chlorodibromomethane Chlorotentymyl Ether Chlorotom Chlorotom Chlorotom Chlorotomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene Dichlorodifluoromethane 1,1-Dichloroethane 1,1-Dichloroptopene Trans-1,3-Dichloropropene Trans-1,3-Dichloropropene Tethyl Benzene Methylene Chloride	GN940814  COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940840  COLLECTION DATE FRI, 26 AUG 1994  <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.	GN940866  COLLECTION DATE SAT, 27 AUG 1994 <1.0  4.2  1.1  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0
pH (units) Temperature (°C) SAMPLE NUMBERS  VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromoform Bromomethane Carpon tetrachloride Chlorobenzene Chlorodbromomethane 2-Chlorethylvinyl Ether Chlorotom Chlorotom 1,2-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,1-Dichlorotenane 1,1-Dichlorotenane 1,1-Dichlorotenane 1,1-Dichlorotenane 1,1-Dichlorotenane 1,1-Dichlorotenane 1,1-Dichlorotenane 1,2-Dichlorotenane 1,2-Dichlorotenane 1,2-Dichlorotenane 1,2-Dichlorotenane 1,2-Dichlorotenane 1,2-Dichlorotenane 1,2-Dichlorotenane 1,2-Dichlorotenane 1,2-Dichloropropene Trans-1,3-Dichloropropene Trans-1,3-Dichloropropene Ethyl Benzene Methylene Chloride 1,1,2-Tetrachlorotethane	GN940814  COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940840  COLLECTION DATE FRI, 26 AUG 1994  <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.	GN940866  COLLECTION DATE SAT, 27 AUG 1994 <1.0
pH (units) Temperature (°C) SAMPLE NUMBERS  VOLATILE COMPOUNDS (ug/L) Beromodichloromethane Bromodichloromethane Bromodichloromethane Carbon tetrachloride Chlorodbromomethane Chlorodbromomethane Chlorothane 2-Chlorethywinyl Ether Chlorothane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,1-Dichlorothane 1,1-Dichlorothene 1-Dichlorothane 1,1-Dichlorothene 1-Dichlorothene	GN940814  COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940840  COLLECTION DATE FRI, 26 AUG 1994  <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.	GN940866  COLLECTION DATE SAT, 27 AUG 1994 <1.0  4.2  1.1  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0
pH (units) Temperature (°C) SAMPLE NUMBERS  VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromoform Bromomethane Carbon tetrachloride Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Chlorothane 2-Chlorethylvinyl Ether Chloroform Chlorothane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,1-Dichlorobenzene 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethene Trans-1,2-Dichloroethene 1,3-Dichloroptopene Ethyl Benzene Methylene Chloride 1,1,2-Tetrachloroethane 1,2-Dichloroptopene Ethyl Benzene Methylene Chloride 1,1,2-Tetrachloroethane Tetrachloroethylene Toluene	GN940814  COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940840  COLLECTION DATE  FRI, 26 AUG 1994  <1.0  <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1	GN940866  COLLECTION DATE SAT, 27 AUG 1994 <1.0  4.2  11  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0
pH (units) Temperature (°C) SAMPLE NUMBERS  VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromodichloromethane Bromodichloromethane Carbon tetrachloride Chlorobenzene Chlorodbromomethane 2-Chlorethylvinyl Ether Chlorofom Chlorothane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorothane 1,1-Dichlorothane 1,1-Dichlorothane 1,1-Dichlorothane 1,1-Dichlorothane 1,1-Dichlorothane 1,2-Dichlorothane 1,2-Dichlorothane 1,2-Dichlorothane 1,2-Dichlorothane 1,2-Dichloropropane Ethyl Benzene Methylene Chloride 1,1,2-Tetrachloroethane Tetrachloroethylene Tolluene Tolluene 1,1,1-Trichloroethane	GN940814  COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940840  COLLECTION DATE FRI, 26 AUG 1994  <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.	GN940866  COLLECTION DATE SAT, 27 AUG 1994 <1.0
pH (units) Temperature (°C) SAMPLE NUMBERS  VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromoform Bromomethane Carbon tetrachloride Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Chlorothane 2-Chlorethylvinyl Ether Chloroform Chlorothane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,1-Dichlorobenzene 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethene Trans-1,2-Dichloroethene 1,3-Dichloroptopene Ethyl Benzene Methylene Chloride 1,1,2-Tetrachloroethane 1,2-Dichloroptopene Ethyl Benzene Methylene Chloride 1,1,2-Tetrachloroethane Tetrachloroethylene Toluene	GN940814  COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940840  COLLECTION DATE FRI, 26 AUG 1994  <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.	GN940866  COLLECTION DATE SAT, 27 AUG 1994 <1.0  4.2  11  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0
pH (units) Temperature (°C) SAMPLE NUMBERS  VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromoform Bromomethane Carbon tetrachloride Chlorodibromomethane Chlorodibromomethane 2-Chlorethyrinyl Ether Chloroform Chloroform Chlorotenane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,1-Dichlorotethane 1,1-Dichlorotethane 1,1-Dichlorotethane 1,1-Dichlorotethene Trans-1,2-Dichloropropane Cis-1,3-Dichloropropane Cis-1,3-Dichloropropane Ethyl Benzene Methylene Chloride 1,1,2-Terichloroethane Tetrachloroethylene Toluene 1,1,1-Trichloroethane Tetrachloroethane Tetrachloroethylene Toluene 1,1,1-Trichloroethane 1,1,2-Trichloroethane	GN940814  COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940840  COLLECTION DATE  FRI, 26 AUG 1994  <1,0 <1,0 <1,0 <1,0 <1,0 <1,0 <1,0 <1,	GN940866  COLLECTION DATE SAT, 27 AUG 1994 <1.0  4.2  11  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0
pH (units) Temperature (°C) SAMPLE NUMBERS  VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromodichloromethane Carbon tetrachloride Chlorodenzene Chlorodibromomethane Chlorodibromomethane Chlorothane 2-Chlorethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene Dichlorodifluoromethane 1,2-Dichlorothane 1,1-Dichlorothane 1,1-Dichlorothane 1,1-Dichlorothane 1,1-Dichlorothene 1,2-Dichlorothene 1,2-Tetrachlorothene Tins-1,3-Dichlorothene Tins-1,3-Dichlorothene Tins-1,3-Dichlorothene Tins-1,3-Dichlorothene Tins-1,3-Dichlorothene Tins-1,3-Dichlorothene Tins-1,2-Tetrachlorothane Tinchlorothylene Toluene Tinchlorothylene Tinchlorothylene	GN940814  COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940840  COLLECTION DATE  FRI, 26 AUG 1994  <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.	GN940866  COLLECTION DATE SAT, 27 AUG 1994 <1.0  4.2  1.1  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0
pH (units) Temperature (°C) SAMPLE NUMBERS  VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromoform Bromomethane Carbon tetrachloride Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane 2-Chlorethyrinyl Ether Chlorofom Chlorothane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,1-Dichlorothane 1,1-Dichlorothane 1,1-Dichlorothane 1,1-Dichlorothane 1,2-Dichloropropane Cis-1,3-Dichloropropane Cis-1,3-Dichloropropane Ethyl Benzene Methylene Chloride 1,1,12-Tetrachloroethane Tetrachloroethylene Toluene 1,1,1-Trichloroethane 1,1,1-Trichloroethane 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane Trichloroethylene Trichloroethylene Trichloroethylene Trichloroethylene Trichlorofluoromethane Vinyl Chloride	GN940814  COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940840  COLLECTION DATE FRI, 26 AUG 1994  <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.	GN940866  COLLECTION DATE SAT, 27 AUG 1994 <1.0  4.2  11  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0
pH (units) Temperature (°C) SAMPLE NUMBERS  VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromoform Bromomethane Carbon tetrachloride Chlorodibromomethane Chlorodibromomethane 2-Chlorethylvinyl Ether Chloroform Chlorodethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene Dichlorodfiluoromethane 1,1-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethene 1,2-Dichloropropane Ciss-1,3-Dichloropropane Ciss-1,3-Dichloropropene Ethyl Benzene Methylene Chloride 1,1,2-Tetrachloroethane 1,1,1-Trichloroethane 1,1,1-Trichloroethane 1,1,1-Trichloroethane 1,1,1-Trichloroethane 1,1,1-Trichloroethane 1,1,1-Trichloroethane 1,1,1-Trichloroethane 1,1,2-Tichloroethane 1,1,1-Trichloroethane Trichloroethylene Tichloroethylene Tichloroethylene Tichloroethylene Tichloroethylene Tichloroethylene Tichloroethylene Tichloroethylene Tichloroethylene Tichloroethylene	GN940814  COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940840  COLLECTION DATE  FRI, 26 AUG 1994  <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.	GN940866  COLLECTION DATE SAT, 27 AUG 1994 <1.0  4.2  1.1  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0

GN940841

GN940815

SAMPLE NUMBER

GN940867

# TABLE DE-1, SITE 5, DENTAL CLINIC Base Survey: SHAW AFB, SOUTH CAROLINA Survey Dates: 22 August - 2 September 1994

Contributing Sources: D	ental Clinic, Auto		
	COLLECTION DATE	COLLECTION DATE	COLLECTION DATE
GROUP A ANALYTES (mg/L)	THURS, 25 AUG 1994	FRI, 26 AUG 1994	SAT, 27 AUG 1994 4
Ammonia	12.4 190	11.6 190	89
Chemical Oxygen Demand Oil and Grease	9.6	24.4	
Total Petroleum Hydrocarbon	1	7.8	
Total Phosphorus	3.5	2.2	1.75
GROUP D ANALYTES (mg/L)		2005	
Cyanide	0.026	0.095	0.005
GROUP E ANALYTES (ug/L)			:
Phenois	18	20	13
GROUP F ANALYTES (mg/L)			
Aluminum	Not Reported	Not Reported	Not Reported
Arsenic	<0.005	<0.005	<0.005
Barium	Not Reported	Not Reported	Not Reported
Beryllium	Not Reported Not Reported	Not Reported Not Reported	Not Reported Not Reported
Boron	<0.001	<0.001	<0.001
Cadmium Calcium	Not Reported	Not Reported	Not Reported
Total Chromium	<0.005	<0.005	<0.005
Copper	0.069	0.068	0.087
iron	0.98	0.08	- 0.52
Lead	<0.02	<0.02	<0.02
Magnesium	Not Reported	Not Reported	Not Reported
Manganese	Not Reported	Not Reported 0.0052	Net Reported <0.0005
Mercury Nickel	0.0042 <0.005	<0.0052 <0.005	<0.005
Potassium	Not Reported	Not Reported	Not Reported
Selenium	Not Reported	Not Reported	Not Reported
Silver	0.007	0.009	<0.005
Zinc	0.11	0.08	0.04
Group G (mg/L)	262	168	85
Residue (total)	202	100	65
ON SITE ANALYSES			
pH (units)			
Temperature (°C)			
SAMPLE NUMBERS	CN940816 and GN950817	CN940842	CN940859
SAMPLE NUMBERS	CN940816 and GN950817 GN940818	CN940842 GN940843	CN940859 GM940860
SAMPLE NUMBERS	GN940818	GN940843	GM940860
	GN940818 COLLECTION DATE	GN940843 COLLECTION DATE	GM940860 COLLECTION DATE
VOLATILE COMPOUNDS (ug/L)	GN940818	GN940843	GM940860
	GN940818 COLLECTION DATE THURS, 25 AUG 1994	GN940843  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0	GM940860  COLLECTION DATE SAT, 27 AUG 1994 <1.0 <1.0
VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromoform	GN940818  COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.1.0	GN940843  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0	GM940860  COLLECTION DATE SAT, 27 AUG 1994 <-1.0 <-1.0 <-1.0
VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromoform Bromomethane	GN940818  COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.1.0	GN940843  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0	GM940860  COLLECTION DATE SAT, 27 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0
VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromoform Bromomethane Carbon tetrachloride	GN940818  COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940843  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GM940860  COLLECTION DATE SAT, 27 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromonform Bromomethane Carbon tetrachloride Chlorobenzene	GN940818  COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940843  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GM940860  COLLECTION DATE SAT, 27 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromoform Bromomethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane	GN940818  COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940843  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GM940860  COLLECTION DATE SAT, 27 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromonform Bromomethane Carbon tetrachloride Chlorobenzene	GN940818  COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940843  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GM940860  COLLECTION DATE SAT, 27 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromoform Bromomethane Carbon tetrachloride Chlorobenzene Chlorobenzene Chlorothoromethane Chloroethane	GN940818  COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940843  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GM940860  COLLECTION DATE SAT, 27 AUG 1994 <-1.0 <-1.0 <-1.0 <-1.0 <-1.0 <-1.0 <-1.0 <-1.0 <-1.0 <-1.0 <-1.0 <-1.0 <-1.0 <-1.0 <-1.0 <-1.0 <-1.0 <-1.0 <-1.0 <-1.0 <-1.0 <-1.0 <-1.0 <-1.0 <-1.0 <-1.0 <-1.0 <-1.0 <-1.0 <-1.0
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VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromodichloromethane Bromoform Bromomethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chlorodibromomethane Chlorotethane Chloroform 2-Chlorethylvinyl Ether Chloroform Chloromethane Chlorodibromomethane 1.2-Dichlorobenzene 1.3-Dichlorobenzene 1.4-Dichlorobenzene Dichlorodifluoromethane 1.1-Dichloroethane 1.1-Dichloroethane 1.1-Dichloroethane 1.2-Dichloropropane Cis-1,3-Dichloropropene Ethyl Benzene Methylene Chloride 1,1,2-Tetrachloroethane Etrachloroethylene Tetrachloroethylene Tetrachloroethylene Tetrachloroethylene Tetrachloroethylene Toluene	GN940818  COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940843  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GM940860  COLLECTION DATE SAT, 27 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromodichloromethane Bromodichloromethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chlorotethane Chlorotethane Chlorotethylvinyl Ether Chloroform 2-Chlorethylvinyl Ether Chloroform Chloromethane 1,2-Dichloromethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorotenzene Dichlorodifluoromethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene Trans-1,2-Dichloropropene Trans-1,3-Dichloropropene Trans-1,3-Dichloropropene Ethyl Benzene Methylene Chloride 1,1,2-Tetrachloroethane Tetrachloroethylene Toluene Toluene 1,1,1-Trichloroethane	GN940818  COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940843  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GM940860  COLLECTION DATE SAT, 27 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromodichloromethane Bromoorm Bromomethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chloroform 2-Chlorethylvinyl Ether Chloroform Chloromethane Chloroform Chloromethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloropropane Cis-1,3-Dichloropropene Trans-1,2-Dichloropropene Ethyl Benzene Methylene Chloride 1,1,2-Tetrachloroethane Tetrachloroethane Tetrachloroethane Tetrachloroethane Til,1,2-Tetrachloroethane Tetrachloroethane Tetrachloroethane Tetrachloroethane Tetrachloroethane Tetrachloroethane	GN940818  COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940843  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GM940860  COLLECTION DATE SAT, 27 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromodichloromethane Bromomethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chlorotethane Chlorotethane Chlorotema 2-Chlorethylvinyl Ether Chloroform 2-Chlorotemane Chlorodibromomethane Chlorodibromomethane 1,2-Dichlorotenzene 1,3-Dichlorobenzene 1,4-Dichlorotenzene Dichlorodifluoromethane 1,1-Dichlorotethane 1,1-Dichlorotethane 1,2-Dichlorotethane 1,2-Dichlorotethene Trans-1,2-Dichlorotethene Trans-1,3-Dichloropropene Trans-1,3-Dichloropropene Ethyl Benzene Methylene Chloride 1,1,2-Z-Tetrachlorotethane Tetrachlorotethylene Toluene 1,1,1-Trichlorotethane	GN940818  COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940843  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GM940860  COLLECTION DATE SAT, 27 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
VOLATILE COMPOUNDS (ug/L) Benzene Bromodichioromethane Bromodichioromethane Bromoform Bromomethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chloroform 2-Chlorethylvinyl Ether Chloroform Chloromethane Chlorodibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloropropane Cis-1,3-Dichloropropene Ethyl Benzene Methylene Chloride 1,1,2-Tetrachloroethane Tetrachloroethylene Toluene Toluene 1,1-Trichloroethane Tetrachloroethylene Toluene 1,1,1-Trichloroethane Tichloroethylene Toluene 1,1,1-Trichloroethane Tichloroethylene Tichloroethylene Tichloroethylene	GN940818  COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940843  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GM940860  COLLECTION DATE SAT, 27 AUG 1994 <4.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1
VOLATILE COMPOUNDS (ug/L) Benzene Bromodichioromethane Bromodichioromethane Bromoform Bromomethane Carbon tetrachloride Chlorodenzene Chlorodenzene Chlorodename Chlorodename Chlorothane Chloroform 2-Chlorethylvinyl Ether Chloroform Chloromethane Chlorodenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorodenzene 1,4-Dichlorodenzene 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloropopene Cis-1,3-Dichloropropene Ethyl Benzene Methylene Chloride 1,1,2-Tetrachloroethylene Toluene Toluene Tichloroethylene Toluene Tichloroethylene Toluene Tichloroethylene	GN940818  COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940843  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GM940860  COLLECTION DATE SAT, 27 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromodichloromethane Bromoform Bromomethane Carbon tetrachloride Chlorodenzene Chlorodibromomethane Chlorodibromomethane Chlorotethane Chlorotethane Chlorotemane Chlorotemane Chlorotemane Chlorotemane Chlorotemane 1,2-Dichlorotemane 1,3-Dichlorobenzene 1,3-Dichlorobenzene Dichlorodifluoromethane 1,1-Dichlorotethane 1,1-Dichlorotethane 1,1-Dichlorotethane 1,2-Dichlorotenpane Cis-1,3-Dichloropropane Cis-1,	GN940818  COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940843  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GM940860  COLLECTION DATE SAT, 27 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
VOLATILE COMPOUNDS (ug/L) Benzene Bromodichioromethane Bromodichioromethane Bromoform Bromomethane Carbon tetrachloride Chlorodenzene Chlorodenzene Chlorodename Chlorodename Chlorothane Chloroform 2-Chlorethylvinyl Ether Chloroform Chloromethane Chlorodenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorodenzene 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloropopene Ethyl Benzene Methylene Chloride 1,1,2-Tetrachloroethylene Tetrachloroethylene Toluene Toluene Tichloroethylene Toluene Tichloroethylene	GN940818  COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940843  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GM940860  COLLECTION DATE SAT, 27 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromodichloromethane Bromoform Bromomethane Carbon tetrachloride Chlorodenzene Chlorodibromomethane Chlorodibromomethane Chlorotethane Chlorotethane Chlorotemane Chlorotemane Chlorotemane Chlorotemane Chlorotemane 1,2-Dichlorotemane 1,3-Dichlorobenzene 1,3-Dichlorobenzene Dichlorodifluoromethane 1,1-Dichlorotethane 1,1-Dichlorotethane 1,1-Dichlorotethane 1,2-Dichlorotenpane Cis-1,3-Dichloropropane Cis-1,	GN940818  COLLECTION DATE THURS, 25 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GN940843  COLLECTION DATE FRI, 26 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	GM940860  COLLECTION DATE SAT, 27 AUG 1994 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0

### TABLE DF-1, SITE 6, PMEL EFFLUENT Base Survey: SHAW AFB, SOUTH CAROLINA Survey Dates: 22 August - 2 September 1994 Contributing Sources: Precision Measuring Equipment Laboratory COLLECTION DATE COLLECTION DATE TUE, 30 AUG 1994 GROUP A ANALYTES (mg/L) SAT, 27 AUG 1994 40.9 15.2 Ammonia 2520 Chemical Oxygen Demand 337 584 Not Requested Oil and Grease Total Petroleum Hydrocarbon 37.6 Not Requested 28.17 3.5 Total Phosphorus GROUP D ANALYTES (mg/L) 0.012 0.015 Cyanide GROUP E ANALYTES (ug/L) 185 186 Phenols GROUP F ANALYTES (mg/L) <0.005 Arsenic 0.002 < 0.05 <0.005 <0.1 Total Chromium 0.9 0.33 Copper 6.9 Iron Lead <0.01 <0.01 Mercury Nickel <0.005 <0.1 <0.005 < 0.02 0.1 1.4 Group G (mg/L) 220 444 Residue (total) ON SITE ANALYSES pH (units) 26 27 Temperature (°C) SAMPLE NUMBERS CN940940 GN940855 COLLECTION DATE COLLECTION DATE THURS, 25 AUG 1994 FRI, 26 AUG 1994 VOLATILE COMPOUNDS (ug/L) <1.0 <1.0 Benzene <1.0 <1.0 Bromodichloromethane <1.0 Bromoform <1.0 <1.0 Bromomethane <1.0 Carbon tetrachloride <1.0 <1.0 Chlorobenzene Chlorodibromomethane <1.0 <1.0 <1.0 <1.0 <1.0 Chloroform <1.0 <1.0 2-Chlorethylvinyl Ether <1.0 <1.0 Chloroform <1.0 Chloromethane <1.0 Chlorodibromomethane <1.0 <1.0 1,2-Dichlorobenzene 1,3-Dichlorobenzene <1.0 4.6 1,4-Dichlorobenzene <1.0 Dichlorodifluoromethane <1.0 <1.0 1,1-Dichloroethane <1.0 <1.0 1,2-Dichloroethane <1.0 <1.0 1.1-Dichloroethene Trans-1.2-Dichloroethene 1,2-Dichloropropane <1.0 <1.0 Cis-1,3-Dichloropropene <1.0 <1.0 Trans-1,3-Dichloropropene <1.0 <1.0 <1.0 Ethyl Benzene <1.0 <1.0 Methylene Chloride <1.0 <1.0 <1.0 1,1,2,2-Tetrachloroethane <1.0 <1.0 Tetrachloroethylene 12.5 <1.0 Toluene <1.0 <1.0 1,1,1-Trichloroethane 1,1,2-Trichloroethane <1.0 <1.0 <1.0 <1.0 Trichloroethylene Trichlorofluoromethane <1.0 <1.0 <1.0 Vinyl Chloride <1.0 o-Xylene <1.0 <1.0 <1.0 m-Xylene <1.0 p-Xylene

GN940911

GN940854

SAMPLE NUMBER

## TABLE DG-1, SITE 7, PHASE MAINTENANCE HANGAR 1200 EFFLUENT Base Survey: SHAW AFB, SOUTH CAROLINA

Survey Dates: 22 August - 2 September 1994

Contributing Sources: Aircraft Maintenance						
	COLLECTION DAT		COLLECTION DATE	COLLECTION DATE	COLLECTION DATE	
GROUP A ANALYTES (mg/L)	WED, 24 AUG 199		FRI, 26 AUG 1994 72	MON, 29 AUG 1994 37.6	TUES, 30 AUG 1994 35.:	
Ammonia		15.4 560	451		29	
Chemical Oxygen Demand		41.6	48.8		17:	
Oil and Grease Total Petroleum Hydrocarbon		5.9	3.9		5.	
Total Phosphorus	<del></del>	1.7	6.3		5.	
Total Filosphorus						
GROUP D ANALYTES (mg/L)						
Cyanide		0.012	0.006	0.012	0.00	
GROUP E ANALYTES (ug/L)						
Phenols		34	330	88	7	
GROUP F ANALYTES (mg/L)			-0.005	1-0 00E	<0.005	
Arsenic	<0.005		<0.005	<0.005 0.017	0.003	
Cadmium		0.047	0.013			
Total Chromium		0.021	0.36			
Copper		1.3	1			
ron			<0.02	<0.02	<0.02	
Lead Mercury	<0.0005		<0.0005	<0.0005	<0.0005	
viercury Nickel		0.008	0.008			
Silver	<0.005		<0.005		<0.005	
Zinc	<0.17		0.18	·		
LI IV						
Group G (mg/L)				-		
Residue (total)		301	495	404	28	
ON SITE ANALYSES						
oH (units)		7	7.2		6.	
Femperature (°C)		26	26	26	2	
				011010010	0110 10000	
SAMPLE NUMBERS	CN940826		CN940845	CN940912	CN940936 GN940937	
	GN940827		GN940846	GN940913	GN940937	
	COLLECTION DAT	TE	COLLECTION DATE	COLLECTION DATE	COLLECTION DATE	
10. 17. F 00. 180 ( 17. 1)	WED, 24 AUG 199		FRI, 26 AUG 1994	MON, 29 AUG 1994	TUES, 30 AUG 1994	
VOLATILE COMPOUNDS (ug/L) Benzene	<1.0		<1.0	<1,0	<1.0	
Benzene Bromodichloromethane	<1.0		<1.0	<1.0	<1.0	
Bromoform	<1.0		<1,0	<1.0	<1.0	
Bromomethane	<1.0		<1.0	<1.0	<1.0	
Carbon tetrachloride	<1.0		<1.0	<1.0	<1.0	
Chlorobenzene	<1.0		1.5	2.06		
Chlorodibromomethane	<1.0	T i	<1.0	<1.0	<1.0	
				<1.0		
Chloroethane	<1.0		<1.0		<1.0	
Chloroform	<1.0 <1.0		<1.0	<1.0	<1.0	
Chloroform 2-Chlorethylvinyl Ether	<1.0 <1.0 <1.0		<1.0 <1.0	<1.0 <1.0	<1.0 <1.0	
Chloroform 2-Chlorethylvinyl Ether Chloroform	<1.0 <1.0 <1.0 <1.0 <1.0		<1.0 <1.0 <1.0	<1.0 <1.0 <1.0	<1.0 <1.0 <1.0	
Chloroform 2-Chlorethylvinyl Ether Chloroform Chloromethane	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0		<1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0	
Chloroform 2-Chlorethylvinyl Ether Chloroform Chloromethane Chlorodibromomethane	<1.0 <1.0 <1.0 <1.0 <1.0		<1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0	
Chloroform 2-Chlorethylvinyl Ether Chloroform Chloromethane Chloromethane 1,2-Dichlorobenzene	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0	5.9	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0	
Chloroform 2-Chlorethylvinyl Ether Chloroform Chloroform Chloromethane Chlorodibromomethane 1, 2-Dichlorobenzene 1, 3-Dichlorobenzene	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0	5.9	<1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	
Chloroform 2-Chlorethylvinyl Ether Chloroform Chloromethane Chlorodibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0	5.9 1.2 11.4	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	
Chloroform  2-Chloroform  Chloroform  Chloromethane  Chlorodibromomethane  1,2-Dichlorobenzene  1,4-Dichlorobenzene  1,4-Dichlorobenzene  Dichlorodifloromethane	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	5.9 1.2 11.4	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 24.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	
Chloroform  2-Chlorethylvinyl Ether  Chloroform  Chloromethane  Chlorodibromomethane  1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene  Dichlorodifluoromethane  1,1-Dichlorotenane	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	5.9 1.2 11.4	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	
Chloroform 2-Chlorethylvinyl Ether Chloroform Chloromethane Chloromethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorodefluoromethane 1,1-Dichlorothane 1,1-Dichlorothane 1,2-Dichlorothane 1,2-Dichlorothane	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	5.9 1.2 11.4	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	
Chloroform Chlorethylvinyl Ether Chloroform Chloromethane Chlorodibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,1-Dichlorothane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethene	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	5.9 1.2 11.4	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	
Chloroform  -Chloroform  -Chloroform  Chlorodithoromethane  1,2-Dichlorobenzene  1,4-Dichlorobenzene  1,4-Dichlorobenzene  1,1-Dichlorothane  1,2-Dichlorothane  1,2-Dichlorothane  1,2-Dichlorothane  1,1-Dichlorothane  1,1-Dichlorothane  1,2-Dichlorothane  1,2-Dichlorothene  Trans-1,2-Dichloroethene	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	5.9 1.2 11.4	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 10.3 <1.0 24.8 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	
Chloreform 2-Chlorethylvinyl Ether Chloreform Chloroform Chloroform Chlorodina 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene Dichlorodifluoromethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethene Trans-1,2-Dichloroethene 1,2-Dichloropropane Cis-1,3-Dichloropropene	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	5.9 1.2 11.4	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 10.3 <1.0 24.8 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	
Chloroform 2-Chlorethylvinyl Ether Chloroform Chloroform Chlorodibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene Dichlorodifluoromethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethene Trans-1,2-Dichloroethene Trans-1,3-Dichloropropane Cis-1,3-Dichloropropene Cis-1,3-Dichloropropene Trans-1,3-Dichloropropene	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	5.9 1.2 11.4	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 24.8 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	
Chloroform  2-Chloroform  2-Chloroform  Chloroform  Chloromethane  Chlorodibromomethane  1,2-Dichlorobenzene  1,4-Dichlorobenzene  Dichlorodifluoromethane  1,1-Dichloroethane  1,2-Dichloroethane  1,1-Dichloroethane  1,2-Dichloroethane  1,2-Dichloroethene  Trans-1,2-Dichloropopane  Cis-1,3-Dichloropopane  Cis-1,3-Dichloropopane  Trans-1,3-Dichloropropene  Trans-1,3-Dichloropropene  Trans-1,3-Dichloropropene  Ethyl Benzene	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	5.9 1.2 11.4	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	
Chloroform  -Chloroform -Chloroform -Chloroform -Chlorodem -Chlorodem -Chlorodem -Chlorodenzene	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	5.9 1.2 11.4	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0  10.3 <1.0  24.8 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	
Chloroform  2-Chlorethylvinyl Ether  Chloroform  Chloroder  Chloromethane  1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene  Trans-1,2-Dichloroethene 1,2-Dichloropropane Cis-1,3-Dichloropropene Ethyl Benzene  Methylene Chloride 1,1,2-Tetrachloroethane	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	5.9 1.2 11.4	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0  <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	
Chloroform 2-Chlorefnylvinyl Ether Chloroform Chloromethane Chlorodibromomethane 1,2-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethene Trans-1,2-Dichloroethene Trans-1,3-Dichloropropane Cis-1,3-Dichloropropane Cis-1,3-Dichloropropene Ethyl Benzene Methylene Chloride 1,1,2-Zetrachloroethane 1,1,1,2-Zetrachloroethane Tetrachloroethane	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	5.9 1.2 11.4	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0  10.3 <1.0  24.8 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	
Chloroform  2-Chloroform  2-Chloroform  Chloroform  Chloromethane  Chlorodibromomethane  1,2-Dichlorobenzene  1,4-Dichlorobenzene  1,4-Dichlorobenzene  1,4-Dichlorobenzene  1,1-Dichloroethane  1,2-Dichloroethane  1,2-Dichloroethane  1,2-Dichloroethene  Trans-1,2-Dichloroethene  Trans-1,3-Dichloropropane  Cis-1,3-Dichloropropane  Cis-1,3-Dichloropropene  Ethyl Benzene  Methylene Chloride  1,1,2,2-Tetrachloroethane  Tetrachloroethylene  Tetrachloroethylene  Toluene	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	5.9 1.2 11.4	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0  10.3 <1.0  24.8 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	
Chloroform 2-Chloroform 2-Chloroform Chloroform Chloromethane Chlorodibromomethane 1,2-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 0-Chlorodifluoromethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethene 1,2-Dichloropenpene Trans-1,2-Dichloropenpene Trans-1,3-Dichloropropene Eis-1,3-Dichloropropene Eihyl Benzene Methylene Chloride 1,1,2,2-Tetrachloroethane Tetrachloroethylene Toluene 1,1,1-Trichloroethane	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	5.9 1.2 11.4	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0  10.3 <1.0  24.8 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	
Chloreform 2-Chlorethylvinyl Ether Chloreform Chloroform Chlorodibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene Dichlorodenzene Dichlorodenzene 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethene Trans-1,2-Dichloroethene 1,2-Dichloropropane Cis-1,3-Dichloropropene Ethyl Benzene Methylene Chloride 1,1,2,2-Tetrachloroethane Tetrachloroethylene Toluene 1,1,1-Trichloroethane	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	5.9 1.2 11.4	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0  10.3 <1.0  24.8 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	
Chloroform 2-Chlorethylvinyl Ether Chloroform Chloroform Chloromethane Chlorodibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene Dichlorodifluoromethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethene Trans-1,2-Dichloropropane Cis-1,3-Dichloropropane Cis-1,3-Dichloropropene Ethyl Benzene Methylene Chloride 1,1,2-Z-Tetrachloroethane Tetrachloroethylene Toluene 1,1,1-Trichloroethane 1,1,1-Trichloroethane 1,1,1-Trichloroethane 1,1,1-Trichloroethane Trichloroethylene	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	5.9 1.2 11.4	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0  10.3 <1.0  24.8 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	
Chloroform  2-Chloroform  2-Chloroform  Chloroform  Chloromethane  Chlorodibromomethane  1,2-Dichlorobenzene  1,4-Dichlorobenzene  1,4-Dichlorobenzene  1,4-Dichlorobenzene  1,1-Dichloroethane  1,2-Dichloroethane  1,2-Dichloroethene  1,2-Dichloroethene  1,2-Dichloropropane  Cis-1,3-Dichloropropane  Cis-1,3-Dichloropropene  Trans-1,2-Dichloropropene  Ethyl Benzene  Methylene Chloride  1,1,2-Z-Tetrachloroethane  Tetrachloroethylene  Toluene  1,1,1-Trichloroethane  1,1,1-Trichloroethane  Trichloroethylene  Trichloroethylene  Trichloroethylene  Trichloroethylene  Trichloroethylene  Trichloroethylene	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	5.9 1.2 11.4	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0  10.3 <1.0  24.8 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	
Ethyl Benzene Methylene Chloride 1,1,2,2-Tetrachloroethane Tetrachloroethylene Toluene 1,1,1-Trichloroethane 1,1,2-Trichloroethane Trichloroethylene Trichlorofluoromethane Vinyl Chloride	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	5.9 1.2 11.4	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0  10.3 <1.0  24.8 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	
Chloreform 2-Chlorethylvinyl Ether Chloreform Chloroform Chlorodibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene Dichlorodifluoromethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethene Trans-1,2-Dichloroethene 1,2-Dichloropropane Cis-1,3-Dichloropropene Ethyl Benzene Methylene Chloride 1,1,2,2-Tetrachloroethane 1,1,1-Trichloroethane 1,1,1-Trichloroethane 1,1,1-Trichloroethane 1,1,1-Trichloroethane 1,1,1-Trichloroethane 1,1,1-Trichloroethane 1,1,1-Trichloroethane 1,1,1-Trichloroethylene Trichloroethylene Trichloroethylene Trichlorofluoromethane Vinyl Chloride 0-Xylene	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	5.9 1.2 11.4	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0  10.3 <1.0  24.8 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	
Chloreform 2-Chlorethylvinyl Ether Chloretorm Chloroform Chloromethane Chlorodibromomethane 1,2-Dichlorobenzene 1,4-Dichlorobenzene Dichlorodifluoromethane 1,1-Dichlorosthane 1,1-Dichlorosthane 1,2-Dichlorosthane 1,2-Dichlorosthene Trans-1,2-Dichloropropane Cis-1,3-Dichloropropane Cis-1,3-Dichloropropane Ethyl Benzene Methylene Chloride 1,1,2-Z-Tetrachlorosthane Tetrachloroethylene Toluene Toluene 1,1,1-Trichloroethane 1,1,2-Trichloroethane Trichloroethylene	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	5.9 1.2 11.4 132.5	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	

### TABLE DH-1, SITE 8, BUILDING 1118 EFFLUENT Base Survey: SHAW AFB, SOUTH CAROLINA

Survey Dates: 22 August - 2 September 1994

### Contributing Sources: Base Photo, Reporduction/Graphics, & CBPO

REQUE A ANALYTES (mg/L)		Jeon Ection Date		COLLECTION DATE
Ammora	CDOLID A ANALYTES (mall)	COLLECTION DATE		
Chemical Organ Demand				
Oil and Grease				
Total Persolation			h	
Total Prospisors  SROUP D ANALYTES (mg/L)  SROUP E ANALYTES (mg/L)  SROUP E ANALYTES (mg/L)  Ansenia				
SROUP DANALYTES (mg/L)			L	
Oracle   O	Total Phosphorus	12	6.1	6
Oracle   O				
SROUP E ANALYTES (trg/L)   SROUP F ANALYTES (t	GROUP D ANALYTES (mg/L)			
Pienols   90   77   3   3	Cyanide	0.022	0.87	0.36
Pienols   90   77   3   3				
Pienols   90   77   3   3	GROUP E ANALYTES (ug/L)			
Arsenio	Phenois	90	77	31
Assentic		· <del> </del>		
Assentic	CPOLID E ANALYTES (mg/L)			
Cadmium		<0.005	<0.005	<0.005
Total Chromium				
Copper	<del></del>			
Inches				
Mercury		0.14		
Microary   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,0005   40,	11011			
Nicket   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.005   0.0				
Silver	Mercury			<0.0005
Silver	Nickel	0.005	<0.005	0.005
Compage (mg/L)   Comp	Silver	0.4	0:081	0.25
Group G (mg/L)	Zinc			0.26
Residue (total)		1	3111	
Residue (total)	Group G (mg/L)	<del>                                     </del>		
ON SITE ANALYSES		666	212	844
Description   Company   Description   Desc	roomac (rotar)	+	312	044
Description   Company   Description   Desc	ON SITE ANALYSES			
Temperature (*C)		<del> </del>		
SAMPLE NUMBERS   CN940820 and GN940821   CN940847   CN940871   GN940822   GN940848   GN940872   GN940822   GN940848   GN940872   G	pH (units)			
COULECTION DATE   COLLECTION DATE   COLLECTION DATE	Temperature (°C)	23	24	24
COULECTION DATE   COLLECTION DATE   COLLECTION DATE		<u> </u>		
COLLECTION DATE   COLLECTION DATE	SAMPLE NUMBERS			
VOLATILE COMPOUNDS (ug/L)         WED, 24 AUG 1994         THRU, 25 AUG 1994         FRI 26 AUG 1994           Benzene         <1.0		GN940822	GN940848	GN940872
VOLATILE COMPOUNDS (ug/L)         WED, 24 AUG 1994         THRU, 25 AUG 1994         FRI 26 AUG 1994           Benzene         <1.0				
VOLATILE COMPOUNDS (ug/L)         WED, 24 AUG 1994         THRU, 25 AUG 1994         FRI 26 AUG 1994           Benzene         <1.0		COLLECTION DATE	COLLECTION DATE	COLLECTION DATE
Berzene				
Bromodichloromethane	IVOLATILE COMPOUNDS (un/L)	WED 24 AUG 1994	THRU 25 AUG 1994	FRI 26 AUG 1994
Bromoferm				
Brommethane	Benzene	<1.0	<1.0	<1.0
Carbon tetrachloride	Benzene Bromodichloromethane	<1.0 <1.0	<1.0 <1.0	<1.0 <1.0
Chlorobenzene	Benzene Bromodichloromethane Bromoform	<1.0 <1.0 <1.0	<1.0 <1.0 <1.0	<1.0 <1.0 <1.0
Chlorodibromomethane	Benzene Bromodichloromethane Bromoform Bromomethane	<1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 -	<1.0 <1.0 <1.0 <1.0
Chloroethane	Benzene Bromodichloromethane Bromoform Bromomethane Carbon tetrachloride	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 = - <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0
Chloroform	Benzene Bromodichloromethane Bromoform Bromomethane Carbon tetrachloride Chlorobenzene	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
2-Chlorethylvinyl Ether	Benzene Bromodichloromethane Bromoform Bromomethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
Chloroform         <1.0	Benzene Bromodichloromethane Bromoform Bromomethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chloroethane	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
Chloromethane         <1.0	Benzene Bromodichloromethane Bromoform Bromomethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chloroethane Chloroothane Chloroform	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
Chlorodibromomethane         <1.0	Benzene Bromodichloromethane Bromoform Bromomethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chloroform 2-Chlorethylvinyl Ether	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
Chlorodibromomethane         <1.0	Benzene Bromodichloromethane Bromoform Bromomethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chloroethane Chloroothane Chloroform	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
1,2-Dichlorobenzene       <1.0	Benzene Bromodichloromethane Bromoform Bromomethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chloroethane Chloroethane Chloroform 2-Chlorethylvinyl Ether Chloroform	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
1,3-Dichlorobenzene       <1.0	Benzene Bromodichloromethane Bromooform Bromomethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chloroethane Chloroform Chlorofthylvinyl Ether Chloroform Chloroform Chloromethane	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
1,4-Dichlorobenzene       <1.0	Benzene Bromodichloromethane Bromoform Bromomethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chloroform 2-Chlorethylvinyl Ether Chloroform Chloromethane Chloromethane Chloroform Chloromethane	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
Dichlorodifluoromethane         <1.0         <1.0         <1.0           1,1-Dichloroethane         <1.0	Benzene Bromodichloromethane Bromoform Bromomethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chloroform 2-Chloroform Chloroform Chloroform Chloroform Chloromethane Chlorodibromomethane	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
1,1-Dichloroethane       <1.0	Benzene Bromodichloromethane Bromoform Bromomethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chloroform 2-Chloroform Chloroform Chloroform Chloromethane Chloroform 1,2-Dichlorobenzene 1,3-Dichlorobenzene	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
1,2-Dichloroethane       <1,0	Benzene Bromodichloromethane Bromoform Bromoform Bromomethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chloroethane Chlorothane Chloroform 2-Chlorethylvinyl Ether Chloroform Chloromethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
1,1-Dichloroethene       <1,0	Benzene Bromodichloromethane Bromodichloromethane Bromomethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chloroethane Chloroethylvinyl Ether Chloroform 2-Chlorethylvinyl Ether Chloromethane Chlorodibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene Dichlorodifluoromethane	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
Trans-1,2-Dichloroethene         <1.0	Benzene Bromodichloromethane Bromodichloromethane Bromomethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chloroform Chloroform Chloroform Chloromethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene Dichlorodifluoromethane 1,1-Dichlorodifluoromethane 1,1-Dichlorodethane	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
1,2-Dichloropropane       <1,0	Benzene Bromodichloromethane Bromoform Bromomethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chloroform 2-Chlorethylvinyl Ether Chloroform Chloromethane Chlorodibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorodifluoromethane 1,1-Dichlorodifluoromethane 1,1-Dichlorothane 1,1-Dichlorothane 1,2-Dichlorothane	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
Trans-1,3-Dichloropropene         <1.0	Benzene Bromodichloromethane Bromoform Bromomethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chloroform 2-Chlorethylvinyl Ether Chloroform Chloroform Chloromethane Chlorodibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorodifluoromethane 1,1-Dichlorodifluoromethane 1,1-Dichlorodifluoromethane 1,1-Dichlorodethane 1,1-Dichlorotethane 1,1-Dichlorotethane 1,1-Dichlorotethane 1,1-Dichlorotethane 1,1-Dichlorotethane 1,1-Dichlorotethane	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
Ethyl Benzene         <1.0	Benzene Bromodichloromethane Bromoform Bromoform Bromomethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chloroethane Chlorothane Chlorothylvinyl Ether Chloroform 2-Chlorethylvinyl Ether Chloroform Chloromethane Chlorodibromomethane Chlorodibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene Dichlorodifluoromethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethene Trans-1,2-Dichloroethene Trans-1,2-Dichloroethene	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
Methylene Chloride         <1.0	Benzene Bromodichloromethane Bromodichloromethane Bromomethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chlorodibromomethane Chlorothylvinyl Ether Chlorothylvinyl Ether Chloroform Chloromethane Chlorodibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,1-Dichlorodifluoromethane 1,1-Dichlorothane 1,2-Dichlorothane 1,1-Dichlorothane 1,2-Dichlorothene Trans-1,2-Dichloroethene Trans-1,2-Dichloroethene 1,2-Dichloropropane	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
Methylene Chloride         <1.0	Benzene Bromodichloromethane Bromoform Bromoform Bromomethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chloroethane Chlorothane Chlorothylvinyl Ether Chloroform 2-Chlorethylvinyl Ether Chloroform Chloromethane Chlorodibromomethane Chlorodibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene Dichlorodifluoromethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethene Trans-1,2-Dichloroethene Trans-1,2-Dichloroethene	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
1,1,2,2-Tetrachloroethane     <1,0	Benzene Bromodichloromethane Bromodichloromethane Bromomethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chlorodibromomethane Chlorothylvinyl Ether Chlorothylvinyl Ether Chloroform Chloromethane Chlorodibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,1-Dichlorodifluoromethane 1,1-Dichlorothane 1,2-Dichlorothane 1,1-Dichlorothane 1,2-Dichlorothene Trans-1,2-Dichloroethene Trans-1,2-Dichloroethene 1,2-Dichloropropane	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
Tetrachloroethylene         <1.0	Benzene Bromodichloromethane Bromodichloromethane Bromomethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chloroethane Chloroethylvinyl Ether Chloroethylvinyl Ether Chloroethylvinyl Ether Chloroethylvinyl Ether Chloroethylvinyl Ether Chloroform Chloromethane Chlorodibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene Dichlorodifluoromethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethene Trans-1,2-Dichloroethene Trans-1,3-Dichloropropane Trans-1,3-Dichloropropene	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
Toluene         <1.0	Benzene Bromodichloromethane Bromoform Bromoform Bromomethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chloroethane Chloroform 2-Chlorethylvinyl Ether Chloroform Chloroform Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene Dichlorodfilluoromethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethene Trans-1,2-Dichloroethene Trans-1,3-Dichloropene Ethyl Benzene Methylene Chloride	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
1,1,1-Trichloroethane     <1.0	Benzene Bromodichloromethane Bromoform Bromoform Bromomethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chloroethane Chlorothane Chlorothylvinyl Ether Chloroform 2-Chlorethylvinyl Ether Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethene Trans-1,2-Dichloroethene Trans-1,3-Dichloropropane Trans-1,3-Dichloropropene Ethyl Benzene Methylene Chloride 1,1,2,2-Tetrachloroethane	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
1,1,2-Trichloroethane     <1.0	Benzene Bromodichloromethane Bromoform Bromomethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chlorodibromomethane Chlorothane Chlorothylvinyl Ether Chlorothylvinyl Ether Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,1-Dichlorothane 1,1-Dichlorothane 1,1-Dichlorothane 1,2-Dichlorothene Trans-1,2-Dichlorothene Trans-1,3-Dichloropopene Ethyl Benzene Methylene Chloride 1,1,2,2-Tetrachloroethane 1,1,2-Z-Tetrachloroethane	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
Trichloroethylene         <1.0	Benzene Bromodichloromethane Bromodichloromethane Bromomethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chlorodibromomethane Chlorothylvinyl Ether Chlorothylvinyl Ether Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene Dichlorodifluoromethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethene Trans-1,2-Dichloroethene Trans-1,2-Dichloropropane Trans-1,3-Dichloropropane Ethyl Benzene Methylene Chloride 1,1,2,2-Tetrachloroethane Tetrachloroethylene Toluene	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
Trichlorofiluoromethane         <1.0	Benzene Bromodichloromethane Bromodichloromethane Bromomethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chlorodibromomethane Chloroform Chloroform Chloromethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene Dichlorodifluoromethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethene Trans-1,2-Dichloroethene Trans-1,3-Dichloroptopane Trans-1,3-Dichloropropane Ethyl Benzene Methylene Chloride 1,1,2-Tetrachloroethane Tetrachloroethylene Toluene 1,1-Trichloroethane	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
Vinyl Chloride     <1.0	Benzene Bromodichloromethane Bromoform Bromoform Bromomethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chloroethane Chloroform 2-Chlorethylvinyl Ether Chloroform Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene Dichlorodifluoromethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethene Trans-1,2-Dichloroethene Trans-1,3-Dichloropropane Trans-1,3-Dichloropropane Ethyl Benzene Methylene Chloride 1,1,2-Tichloroethane Tetrachloroethylene Toluene 1,1,1-Tirichloroethane 1,1,1-Tirichloroethane	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
o-Xylene	Benzene Bromodichloromethane Bromoform Bromoform Bromomethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chloroethane Chloroethane Chlorothylvinyl Ether Chloroform 2-Chlorethylvinyl Ether Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene Dichlorodifluoromethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethene Trans-1,2-Dichloroethene Trans-1,3-Dichloropropene Ethyl Benzene Methylene Chloride 1,1,2-Trichloroethane Tetrachloroethylene Toluene 1,1,2-Trichloroethane 1,1,2-Trichloroethane Trichloroethylene Tichloroethylene Tichloroethylene Tichloroethylene Trichloroethylene Trichloroethylene Trichloroethylene Trichloroethylene	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
m-Xylene <1.0 <1.0 <1.0 p-Xylene <1.0 <1.0 <1.0	Benzene Bromodichloromethane Bromoform Bromomethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chloroethane Chloroethyvinyl Ether Chloroform 2-Chlorethyvinyl Ether Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethene Trans-1,2-Dichloroethene Trans-1,3-Dichloropene Ethyl Benzene Methylene Chloride 1,1,2,7-Tetrachloroethane Tetrachloroethylene Toluene 1,1-1-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane Tetrachloroethylene Toluene 1,1,1-Trichloroethane Tichloroethylene	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
m-Xylene <1.0 <1.0 <1.0 p-Xylene <1.0 <1.0 <1.0	Benzene Bromodichloromethane Bromoform Bromomethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chloroethane Chloroethyvinyl Ether Chloroform 2-Chlorethyvinyl Ether Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethene Trans-1,2-Dichloroethene Trans-1,3-Dichloropene Ethyl Benzene Methylene Chloride 1,1,2,7-Tetrachloroethane Tetrachloroethylene Toluene 1,1-1-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane Tetrachloroethylene Toluene 1,1,1-Trichloroethane Tichloroethylene	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
p-Xylene <1.0 <1.0 <1.0	Benzene Bromodichloromethane Bromoform Bromomethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chloroethane Chloroethyvinyl Ether Chloroform 2-Chlorethyvinyl Ether Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethene Trans-1,2-Dichloroethene Trans-1,3-Dichloropene Ethyl Benzene Methylene Chloride 1,1,2,7-Tetrachloroethane Tetrachloroethylene Toluene 1,1-1-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane Tetrachloroethylene Toluene 1,1,1-Trichloroethane Tichloroethylene	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
	Benzene Bromodichloromethane Bromodichloromethane Bromomethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chlorodibromomethane Chlorothylvinyl Ether Chlorothylvinyl Ether Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene Dichlorodifluoromethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethene Trans-1,2-Dichloroethene Trans-1,2-Dichloroethene Trans-1,3-Dichloropropane Ethyl Benzene Methylene Chloride 1,1,2,2-Tertachloroethane Tetrachloroethylene Toluene 1,1,1-Trichloroethane 1,1,1-Trichloroethane Trichloroethylene Trichlorofluoromethane Trichloroethylene Trichlorofluoromethane Vinyl Chloride o-Xylene	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
	Benzene Bromodichloromethane Bromoform Bromoform Bromomethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chloroethane Chloroform 2-Chlorethylvinyl Ether Chloroform Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene Dichlorodifluoromethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethene Trans-1,2-Dichloropenpe Ethyl Benzene Methylene Chloride 1,1,2-Tretrachloroethane 1,1,2-Trichloroethane 1,1,1-Trichloroethane 1,1,2-Trichloroethane Trichloroethylene Toluene 1,1,1-Trichloroethane 1,1,1-Trichloroethane Trichloroethylene Trichloroethylene Trichloroethylene Trichloroethylene Trichloroethylene Trichloroethylene Trichloroethylene Trichloroethylene Trichlorofluoromethane Vinyl Chloride 0-Xylene m-Xylene	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0

### TABLE DI-1, SITE 9, BASE HOUSING EFFLUENT Base Survey: SHAW AFB, SOUTH CAROLINA Survey Dates: 22 August - 2 September 1994 Contributing Sources: Base Housing and Golf Course Facilities Duplicate Sample COLLECTION DATE OLLECTION DATE GROUP A ANALYTES (mg/L) SUN, 28 AUG 1994 SUN, 28 AUG 1994 MON, 29 AUG 1994 TUES, 30 AUG 1994 Ammonia Chemical Oxygen Demand 369 250 145 200 Oil and Grease 152 24.4 18 2 Total Petroleum Hydrocarbon 1.5 1.8 2.5 4.2 3.7 Total Phosphorus 4 GROUP DANALYTES (mg/L) <.005 <0.005 0.005 < .005 Cyanide GROUP E ANALYTES (ug/L) 20 17 24 18 Phenois GROUP F ANALYTES (mg/L) <0.005 <0.005 <0.005 <0.005 Arsenic < 0.001 <0.001 <0.001 <0.001 Cadmium <0.005 <0.005 <0.005 <0.005 Total Chromium 0.19 0.092 0.16 0.12 Copper 0.8 0.74 lron 1.1 <0.02 Lead <0.0005 <0.0005 <0.0005 <0.0005 Mercury <0.005 < 0.005 < 0.005 <0.005 Nickel Silver <0.005 <0.005 <0.005 <0.005 0.11 0.08 0.04 0.11 Group G (mg/L) 592 653 263 351 Residue (total) ON SITE ANALYSES 6.2 6.4 6.2 pH (units) 25 25 25 25 Temperature (°C) CN940895 CN940915 SAMPLE NUMBERS CN940880 CN940885 GN940881 GN940886 GN940896 GN950916 Duplicate Sample COLLECTION DATE COLLECTION DATE COLLECTION DATE SUN, 28 AUG 1994 SUN, 28 AUG 1994 MON, 29 AUG 1994 TUES, 30 AUG 1994 VOLATILE COMPOUNDS (ug/L) Benzene <1.0 <1.0 <1.0 <1.0 <1.0 Bromodichloromethane <1.0 <1.0 <1.0 <1.0 Bromoform <1.0 <1.0 <1.0 <1.0 <1.0 Bromomethane <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 Carbon tetrachloride <1.0 Chlorobenzene Chlorodibromomethane <1.0 <1.0 <1.0 <1.0 Chloroethane <1.0 <1.0 <1.0 Chloroform <1.0 <1.0 <1.0 <1.0 2-Chlorethylvinyl Ether <1.0 <1.0 <1.0 <1.0 Chloroform <1.0 1.46 < 1.0 <1.0 <1.0 <1.0 Chloromethane <1.0 <1.0 <1.0 <1.0 Chlorodibromomethane <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 1,2-Dichlorobenzene <1.0 <1.0 <1.0 <1.0 .3-Dichlorobenzene 1,4-Dichlorobenzene 2.25 Dichlorodifluoromethane <1.0 <1.0 <1.0 <1.0 1,1-Dichloroethane <1.0 <1.0 <1.0 <1.0 1,2-Dichloroethane <1.0 <1.0 <1.0 <1.0 ,1-Dichloroethene <1.0 <10 <1.0 <1.0 Trans-1,2-Dichloroethene <1.0 <1.0 <1.0 1<1.0 <1.0 1,2-Dichloropropane <1.0 <1.0 <1.0 <1.0 <1.0 Cis-1,3-Dichloropropene <1.0 <1.0 Trans-1,3-Dichloropropene <1.0 <1.0 <1.0 <1.0 Ethyl Benzene <1.0 <1.0 <1.0 <1.0 Methylene Chloride 1,1,2,2-Tetrachioroethane <1.0 <1.0 <1.0 Tetrachloroethylene <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 1.9 < 1.0 1,1,1-Trichloroethane <1.0 <1.0 <1.0 <1.0 1,1,2-Trichloroethane <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 Trichloroethylene <1.0 <1.0 <1.0 <1.0 Trichlorofluoromethane <1.0 <1.0 <1.0 <1.0 Vinyl Chloride <1.0 <1.0 o-Xylene <1.0 <1.0 <1.0 <1.0 m-Xylene <1.0 <1.0 <1.0 <1.0 <1.0 <10 <10 <1.0

GN940887

GN940897

GN940917

GN940882

SAMPLE NUMBER

## TABLE DI-2, SITE 9, BASE HOUSING EFFLUENT Base Survey: SHAW AFB, SOUTH CAROLINA

Survey Dates: 22 August - 2 September 1994

### Contributing Sources: Base Housing and Golf Course Facilities

	COLLECTION DATE
PCB's & PESTICIDES (ug/L)	TUES, 30 AUG 1994
Aipha-BHC	<0.01
Beta-BHC	<0.01
Delta-BHC	<0.01
Lindane (gamma-BHC)	<0.01
Heptachlor	<0.01
Aldrin	<0.01
Heptachlor Epoxide	<0.01
Endosulfan I	<0.01
Dieldrin	<0.01
4,4' DDE	<0.01
Endrin	<0.01
Endosulfan II	<0.01
4,4' DDD	<0.01
Endosulfan Sulfate	<0.01
4,4-DDT	<0.01
Endrin Ketone	Not Reported
Methoxychlor	<0.05
Chlordane	<0.05
Aipha-Chiorodane	Not Reported
Gamma-Chlorodane	Not Reported
Toxaphene	<1
Endrin Aldehyde	<0.01
Arochlor 1016	<0.5
Arochlor 1221	<0.5
Arochlor 1232	<0.5
Arochlor 1242	<0.5
Arochlor 1248	<0.5
Arochlor 1254	<0.5
Arochlor 1260	<0.5
SAMPLE NUMBER	CN940915

### TABLE DJ-1, SITE 10, LIFT STATION 1600 EFFLUENT Base Survey: SHAW AFB, SOUTH CAROLINA Survey Dates: 22 August - 2 September 1994 Contributing Sources: Various Aircraft Maintenance Shops COLLECTION DATE COLLECTION DATE COLLECTION DATE WED, 31 AUG 1994 WED, 24 AUG 1994 FRI, 26 AUG 1994 GROUP A ANALYTES (mg/L) 21.2 31.6 40 Ammonia Chemical Oxygen Demand 442 416 179 58.4 1.3 76.8 Oil and Grease 5.4 4.4 Total Petroleum Hydrocarbon 54 1.8 4.4 Total Phosphorus GROUP D ANALYTES (mg/L) 0.006 0.005 0.008 Cyanide GROUP E ANALYTES (ug/L) 83 53 24 Phenols GROUP F ANALYTES (mg/L) Sample Not Received <0.005 <0.005 Arsenic 0.017 0.014 Sample Not Received Cadmium 0.014 Sample Not Received 0.02 Total Chromium 0.42 Sample Not Received 0.28 Copper 1.2 Sample Not Received 2.9 Iron 0.06 Sample Not Received Lead 0,0006 <0.0005 Sample Not Received Mercury 0.006 0.012 Sample Not Received Nickel 0.014 0.005 Sample Not Received Silver 0.42 0.2 Sample Not Received Zinc Group G (mg/L) 373 303 468 Residue (total) ON SITE ANALYSES 6.8 6.4 pH (units) 27 25 27 Temperature (°C) CN940850 CN940931 SAMPLE NUMBERS GN940828 COLLECTION DATE COLLECTION DATE COLLECTION DATE FRI, 26 AUG 1994 WED, 31 AUG 1994 WED, 24 AUG 1994 VOLATILE COMPOUNDS (ug/L) <1.0 <1.0 <1.0 Benzene <1.0 <1.0 <1.0 Bromoform <1.0 <1.0 <1.0 Bromomethane <1.0 <1.0 <1.0 <1.0 Carbon tetrachloride <1.0 <1.0 <1.0 Chlorobenzene 3 < 1.0 <1.0 Chlorodibromomethane <1.0 <1.0 <1.0 Chloroethane <1.0 <1.0 Chloroform <1.0 <1.0 2-Chlorethylvinyl Ether <1.0 <1.0 Chloroform <1.0 <1.0 <1.0 <1.0 Chloromethane <1.0 <1.0 <1.0 Chlorodibromomethane <1.0 <1.0 1.2-Dichlorobenzene <1.0 <1.0 <1.0 1.3-Dichlorobenzene 8.68 31. 1.4-Dichlorobenzene <1.0 <1.0 Dichlorodifluoromethane <1.0 <1.0 <1.0 <1.0 1.1-Dichloroethane <1.0 <1.0 <1.0 1,2-Dichloroethane <1.0 <1.0 <1.0 1,1-Dichloroethene <1.0 <1.0 Trans-1,2-Dichloroethene <1.0 <1.0 <1.0 1,2-Dichloropropane <1.0 <1.0 <1.0 <1.0 Cis-1,3-Dichloropropene <1.0 <1.0 <1.0 Trans-1,3-Dichloropropene <1.0 <1.0 <1.0 Ethyl Benzene 50.9 49.6 <1.0 Methylene Chloride <1.0 <1.0 1,1,2,2-Tetrachioroethane <1.0 <1.0 <1.0 Tetrachioroethylene 3,66 4.5 Toluene <1.0 <1.0 <1.0 1,1,1-Trichloroethane <1.0 <1.0 1,1,2-Trichloroethane <1.0 <1.0 <1.0 Trichloroethylene <1.0 <1.0 <10 <1.0 Trichlorofluoromethane <1.0 <1.0 <1.0 Vinyl Chloride <1.0 <1.0 <1.0 o-Xylene <1.0 <1.0 <1.0 m-Xylene <1.0 <1.0 <1.0 p-Xvlene

GN940851

GN940829

SAMPLE NUMBER

GN940932

### TABLE DK-1, SITE 11, SOUTH BASE SAMPLING POINT Base Survey: SHAW AFB, SOUTH CAROLINA

Survey Dates: 22 August - 2 September 1994 Contributing Sources: C.E., Entomology Shop, DRMO, & Vehicle Main				
ROUP A ANALYTES (mg/L)	SUN, 28 AUG 1994			TUES, 30 AUG 1994
mmonia		2	29.6	2 22
nemical Oxygen Demand		30	428 8.2	7.
l and Grease		1.8	1.8	
otal Petroleum Hydrocarbon		0.49	9	7.
otal Phosphorus		0.40		
ROUP D ANALYTES (mg/L)				
yanide		0.005	0.012	0.0
yanide				
ROUP E ANALYTES (ug/L)				
henols	<10		62	1
1011010				
ROUP F ANALYTES (mg/L)				
rsenic	<0.005		<0.005	<0.005
admium	<0.001		0.016	0.00
otal Chromium	<0.005		0.82	0.02
оррег		0.11	0.74	0.2
on		0.49	2.3	8 0.1
ead	<0.02		0.36 0.019	0.000
ercury	<0.0005		0.019	0.00
ckel	<0.005		<0.005	<0.005
liver	<0.005	0.06	<0.005	0.4
nc		0.00	0.90	0.5
roup G (mg/L)		65	1387	30
esidue (total)		- 00	1007	
WOLLE WALLACE				
N SITE ANALYSES		6.4	6.2	1
- (units)		26	26	
emperature (°C)				
AMPLE NUMBERS	CN940901		CN940918	CN940928
AMPLE NUMBERS	GN940902		GN940919	GN940929
	COLLECTION DATE		COLLECTION DATE	COLLECTION DATE
OLATILE COMPOUNDS (ug/L)	SUN, 28 AUG 1994		MON, 29 AUG 1994	TUES, 30 AUG 1994
enzene	<1.0		<1.0	<1.0
the state of the s	<1.0		<1.0	<1.0
romodichloromethane	<1.0 <1.0		<1.0 <1.0	<1.0 <1.0
romodichloromethane romoform romomethane	<1.0 <1.0 <1.0		<1.0 <1.0 <1.0	<1.0 <1.0 <1.0
romodichloromethane romoform romomethane arbon tetrachloride	<1.0 <1.0 <1.0 <1.0		<1.0 <1.0 <1.0 <1.0 -	<1.0 <1.0 <1.0 <1.0
romodichloromethane romoform romomethane arbon tetrachioride ihlorobenzene	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0		<1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0
romodichloromethane romoform romomethane arbon tetrachloride hlorobenzene khlorodibromomethane	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0		<1.0 <1.0 <1.0 <1.0 =1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
romodichloromethane romoform romomethane arbon tetrachloride hlorodenzene hlorodipromomethane chloroethane	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0		<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0
romodichloromethane romoform romomethane arbon tetrachloride hlorobenzene hlorodibromomethane hloroethane hloroothane	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0		<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
romodichloromethane romoform romomethane arbon tetrachioride hlorobenzene hlorodibromomethane hloroethane hlorothane -Chlorethylvinyl Ether	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0		<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
romodichloromethane romoform romomethane arbon tetrachloride hlorobenzene hlorodibromomethane hlorotethane hloroform -Chlorethylvinyl Ether hloromethane	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0		<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
romodichloromethane romoform romomethane arbon tetrachloride hlorobenzene hlorodibromomethane hloroethane hloroform	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0		<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
romodichloromethane romoform romomethane arbon tetrachloride hlorobenzene hlorodibromomethane hloroethane hlorothane Chlorethylvinyl Ether hloromethane hloromethane hloromethane hloromethane	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0		<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
romodichloromethane romoform romomethane arbon tetrachloride hlorobenzene hlorodibromomethane hlorothane hlorothane -Chlorethylvinyl Ether hloromethane hlorodibromomethane hlorodibromomethane -Chloridene -Chlorethylvinyl Ether hlorodibromomethane -Chloridene -Chlorobenzene -Chlorobenzene	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	232	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
romodichloromethane romoform romomethane arbon tetrachloride hlorobenzene hlorodibromomethane hlorotethane hloroform -Chlorethylvinyl Ether hloromethane hlorodibromomethane 2-Dichlorobenzene 3-Dichlorobenzene 4-Dichlorobenzene	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	2.32	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
romodichloromethane romoform romomethane arbon tetrachloride hlorobenzene hloroethane hloroform Chlorethylvinyl Ether hlorodibromomethane hlorodibromomethane 2-Dichlorobenzene 3-Dichlorobenzene 4-Dichlorobenzene ichlorodifluoromethane	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	2.32	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
romodichloromethane romoform romomethane arbon tetrachloride hlorobenzene hlorodibromomethane hlorothane hlorothane hlorothyvinyl Ether hloromethane hlorodibromomethane 2-Dichlorobenzene 3-Dichlorobenzene ichlorobenzene ichlorobenzene ichlorobenzene ichlorobenzene ichlorodibromomethane	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	2.32	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
romodichloromethane romoform romomethane arbon tetrachloride hlorobenzene hlorodibromomethane hlorothane hlorothane hlorothylvinyl Ether hloromethane hlorobenzene 3-Dichlorobenzene (3-Dichlorobenzene ichlorodifluoromethane 1,-Dichlorothane 1,-Dichlorothane 2,-Dichlorothane 2,-Dichlorothane 3,-Dichlorothane 3,-Dichlorothane 3,-Dichlorothane 3,-Dichlorothane	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	2.32	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
romodichloromethane romoform romomethane arbon tetrachloride hlorobenzene hlorodibromomethane hlorotethane hloroform Chlorethylvinyl Ether hloromethane hlorodibromomethane 2-Dichlorobenzene 3-Dichlorobenzene ichlorodifluoromethane 1-Dichloroethane 2-Dichloroethane 1-Dichloroethane 1-Dichloroethane 1-Dichloroethane 1-Dichloroethane 1-Dichloroethane	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	2.32	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
romodichloromethane romoform romomethane arbon tetrachloride hlorobenzene hlorodibromomethane hlorothane hlorothane hlorothane hlorothylvinyl Ether hloromethane hlorodibromomethane 2-Dichlorobenzene 3-Dichlorobenzene ichlorodifluoromethane j-I-Dichlorothane	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	2.32	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
romodichloromethane romoform romomethane arbon tetrachloride hlorobenzene hlorodibromomethane hlorothane hlorothane hlorothomethane hlorothomethane hlorothomethane hlorothomethane lorothoromethane 2-Dichlorobenzene 3-Dichlorobenzene ichlorodifluoromethane 1-Dichlorothane	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	2.32	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
romodichloromethane romoform romomethane arbon tetrachioride hlorobenzene hlorodibromomethane hlorothane hlorothane hlorothylvinyl Ether hloromethane hlorothoromethane a.2-Dichlorobenzene d.4-Dichlorobenzene ichlorodifluoromethane 1,-Dichlorothane 1,-Dichlorothone ans-1,2-Dichlorothene ans-1,2-Dichloropropane is-1,3-Dichloropropene	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0		<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
romodichloromethane romoform romomethane arbon tetrachloride hlorobenzene hlorodibromomethane hlorothane hlorothane hlorothane hlorothane hlorothane hlorothomomethane 2-Dichlorobenzene 3-Dichlorobenzene 4-Dichlorobenzene ichlorodifluoromethane 2-Dichlorothane 1-Dichlorothane 1-Dichlorothane 2-Dichlorothane 2-Dichlorothane 3-Dichlorothane 3-Dichlorothane 3-Dichlorothane 3-Dichlorothane 3-Dichlorothane 3-Dichlorothomethane	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0		<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
romodichloromethane romoform romomethane arbon tetrachloride hlorobenzene hlorodibromomethane hlorothane hlorothane hlorothylvinyl Ether hloromethane hlorothoromethane hlorothoromethane llorodibromomethane 2-Dichlorobenzene 3-Dichlorobenzene 4-Dichlorobenzene ichlorodifluoromethane 1-Dichloroethane 1-Dichloroethane 2-Dichloroethene 2-Dichloroethene 1-Dichloroethene 1-Dichloropropene 1-3-Dichloropropene 1-3-Dichloropropene 1-3-Dichloropropene 1-3-1-3-Dichloropropene	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0		<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
romodichloromethane romoform romomethane arbon tetrachloride hlorobenzene hlorodibromomethane hlorothane hlorothane hlorothane hlorothomethane hlorothomethane hlorothomethane hlorothomethane lorothoromethane 2-Dichlorobenzene 3-Dichlorobenzene ichlorodifluoromethane 1-Dichlorothane 1-Dichlorothane 1-Dichlorothane 2-Dichlorothane 2-Dichlorothane 3-Dichlorothane	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0		<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
romodichloromethane romoform romomethane arbon tetrachloride hlorobenzene hlorodibromomethane hlorothane hlorothane hlorothylvinyl Ether hloromethane hlorothoromethane hlorothoromethane - Chlorethylvinyl Ether hloromethane hlorodibromomethane - 2-Dichlorobenzene - 3-Dichlorobenzene - 4-Dichlorobenzene ichlorodifluoromethane - 1-Dichlorothane - 1-Dichloroethane - 1-Dichloroethene rans-1,2-Dichloropropene is-1,3-Dichloropropene is-1,3-Dichloropropene ithyl Benzene - Methylene Chloride - 1,2,2-Tetrachloroethane	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	3.53	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
romodichloromethane romoform romomethane arbon tetrachloride hlorobenzene hlorodibromomethane hlorothane hlorothane hlorothane hlorothane hlorothomomethane hlorothomomethane 2-Dichlorobenzene 3-Dichlorobenzene 4-Dichlorobenzene ichlorodifluoromethane 1,-Dichlorothane 1,-Dichlorothane 1,-Dichlorothane 1,-Dichlorothene rans-1,2-Dichlorothene 2,-Dichloroppane iss-1,3-Dichloroppopene thyl Benzene dethylene Chloride 1,2,2-Tetrachloroethane 4,2,2-Tetrachloroethane detrachloroethane	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0		<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
romodichloromethane romoform romomethane arbon tetrachloride hlorobenzene hlorodibromomethane hlorothane hlorothane hlorothane hlorothomethane hlorothomethane hlorothomethane chlorothomethane llorodibromomethane llorodibromomethane llorodibromomethane llorodibromomethane llorodibromomethane llorodibromomethane llorodifluoromethane llorodifluoromethylene llorodifluoromethane llorodifluoromethylene llorodifluoromethylene llorodifluoromethane llorodifluoromethylene llorodifluoromethane llorodifluoromethylene llorodifluoromethane llorodifluoromethylene llorodifluoromethane llorodifluoromethylene llorodifluoromethane llorodifluoromethan	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	3.53	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
romodichloromethane romoform romomethane arbon tetrachloride hlorobenzene hlorodibromomethane hlorothane hlorothane hlorothane hlorothomethane hlorothomethane hlorothomethane hlorothomethane lorothomethane 2-Dichlorobenzene 3-Dichlorobenzene ichlorodifluoromethane 1-Dichlorothane 1-Dichlorothane 2-Dichlorothane 2-Dichlorothane 2-Dichlorothane 3-Dichlorothomethane 1-Dichlorothomethane 1-Dichlorothomethane 1-Dichlorothomethane 1-Dichlorothomethane 1-Dichloropropane is-1,3-Dichloropropene is-1,3-Dichloropropene ithyl Benzene lettylene Chloride 1,2-2-Tetrachloroethane etrachloroethylene iouene 1,1-Trichloroethane	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	3.53	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
romodichloromethane romoform romomethane arbon tetrachloride hlorobenzene hlorodibromomethane hlorothane hlorothane hlorothylvinyl Ether hloromethane hlorothoromethane hlorothoromethane 2-Dichlorobenzene 3-Dichlorobenzene ichlorodifluoromethane 1-Dichlorothane 1-Dichlorothane 2-Dichlorothane 2-Dichlorothane 3-Dichlorothane 3-Dichlorothane 3-Dichlorothane 3-Dichlorothane 3-Dichlorothane 3-Dichloropropane 3-1,3-Dichloropropene 3-1,3-Tirchloroethane 3-1,3-Tirchloroethane 3-1,3-Tirchloroethane	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	3.53	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
romodichloromethane romoform romomethane arbon tetrachloride hlorobenzene hlorodibromomethane hlorothane hlorothane hlorothane hlorothane hlorothomomethane hlorothomomethane llorothomomethane -2-Dichlorobenzene -3-Dichlorobenzene -4-Dichlorobenzene -4-Dichlorobenzene -1-Dichloroethane -1-Dichloroethane -1-Dichloroethane -2-Dichloroethane -2-Dichloroethane -2-Dichloropropene	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	3.53	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
romodichloromethane romoform romomethane arbon tetrachioride shlorobenzene shlorodibromomethane shlorothane shlorothane shlorothane shlorothane shlorothane shlorothane shlorothomomethane shlorothomometha	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	3.53	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
enzene iromodichloromethane iromodichloromethane iromodichloromethane arbon tetrachioride chlorobenzene chlorobenzene chloroethane chloroethane chloroethane chloroethane chloroethane chloroethoromethane chloroethoromethane chloroethoromethane chloroethoromethane chloroethoromethane chloroethoromethane chloroethoromethane chloroethoromethane chloroethoroethane chloroethane chloroethane chloroethane chloroethane chloroethoropropane chloroethoropropane chloroethoropropane chloroethoromethane chloride chloride chloride chloride chloroethane chloride chloroethane chloroethane chloroethoropropane chloroet	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	3.53	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
romodichloromethane romoform romomethane arbon tetrachloride hlorobenzene hlorodibromomethane hlorothane hlorothane hlorothane hlorothomomethane hlorothomomethane hlorothomomethane hlorothomomethane lorothomomethane 2-Dichlorobenzene 3-Dichlorobenzene ichlorodifluoromethane 1-Dichlorothane 1-Dichlorothane 2-Dichlorothane 1-Dichlorothane 1-Dichlorothomethane 2-Dichlorothomethane 1-Dichlorothomethane 1-Dichlorothylene Tichlorothylene	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	3.53	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0

## TABLE DK-2, SITE 11, SOUTH BASE SAMPLING POINT EFFLUENT Base Survey: SHAW AFB, SOUTH CAROLINA

Survey Dates: 22 August - 2 September 1994

### Contributing Sources: C.E., Entomology Shop, DRMO, & Vehicle Main

oonanaanig ood	.000. 0,	,,,	
	COLLECTION DATE	COLLECTION DATE	COLLECTION DATE
PCB's & PESTICIDES (ug/L)	MON, 29 AUG 1994	TUES, 30 AUG 1994	WED, 31 AUG 1994
Alpha-BHC	<0.01	<0.1	<0.01
Beta-BHC	<0.01	<0.1	<0.01
Delta-BHC	<0.01	<0.1	<0.01
Lindane (gamma-BHC)	<0.01	<0.1	<0.01
Heptachlor	<0.01	<0.1	<0.01
Aldrin	<0.01	<0.1	<0.01
Heptachlor Epoxide	<0.01	<0.1	<0.01
Endosulfan I	<0.01	<0.1	<0.01
Dieldrin	<0.01	<0.1	<0.01
4,4' DDE	<0.01	<0.1	<0.01
Endrin	<0.01	<0.1	<0.01
Endosulfan II	<0.01	<0.1	<0.01
4,4' DDD	<0.01	<0.1	<0.01
Endosulfan Sulfate	<0.01	<0.1	<0.01
4,4-DDT	<0.01	<0.1	<0.01
Endrin Ketone	Not Reported	Not Reported	Not Reported
Methoxychlor	<0.05	<0.5	<0.05
Chlordane		170	55 ~ 4
Alpha-Chlorodane	Not Reported	Not Reported	Not Reported
Gamma-Chlorodane	Not Reported	Not Reported	Not Reported
Toxaphene	<10	<10	<10
Endrin Aldehyde	<0.01	<0.01	<0.01
Arochlor 1016	<0.5	<0.5	<0.5
Arochlor 1221	<0.5	<0.5	<0.5
Arochlor 1232	<0.5	<0.5	<0.5
Arochlor 1242	<0.5	<0.5	<0.5
Arochlor 1248	<0.5	<0.5	<0.5
Arochlor 1254	<0.5	<0.5	<0.5
Arochlor 1260	<0.5	<0.5	<0.5
SAMPLE NUMBER	CN940918	CN940928	CN940935

Base Survey: SHAW AFB, SOUTH CAROLINA				
	s: 22 August - 2 Sep			
	COLLECTION DATE		COLLECTION DATE WED, 31 AUG 1994	
ROUP A ANALYTES (mg/L) mmonia	<0.2		<0.2	
eldahl Nitrogen (total)		0.3	0.3	
trate trite	<0.02	0.32	0.26 <0.02	
hemical Oxygen Demand	10.52	16	5-	
il and Grease	<1	0.4	1. Not requested	
otal Petroleum Hydrocarbon otal Phosphorus		0.42		
ROUP D ANALYTES (mg/L) yanide	<0.005		<0.005	
yanace				
ROUP E ANALYTES (ug/L)	<10		<10	
henols	- 10			
ROUP F ANALYTES (mg/L)			0.005	
rsenic admium	<0.005  <0.001		<0.005 <0.001	
alcium	10.001	9.3	1	
otal Chromium	<0.005	0.10	<0.00 0.1	
ardness (as CaCO3)		0,19 25	4	
on		0.05	0.0	
ead	<0.002	0.32	<0.00 0.3	
Magnesium Manganese	<0.005		<0.005	
Mercury	<0.0005		<0.0005	
lickel Potassium	<0,005	0.8	<0.005	
Potassium Gelenium	<0.005		<0.005	
Silver	<0.005		<0.005	
inc		0.03	<0.01	
Group G (mg/L)				
Acidity	Not Requested	24	4	
Alkalinity Alkalinity, bicarbonate		24	4	
louride		0.68	0.6	
Residue (total)		94	8 7	
Residue, filterable Residue, nonfilterable			<1	
Residue, settleable	<0.2		<0.2	
Residue, total volatile Sulfate	Not Requested	76		
Turbidity	<0.5		<0.5	
ON SITE ANALYSES				
pH (units)				
Temperature (°C)				
SAMPLE NUMBERS	GP940852		GP940933	
	COLLECTION DATE		COLLECTION DATE	
VOLATILE COMPOUNDS (ug/L)	FRI, 26 AUG 1994		MON, 29 AUG 1994	
Benzene	<0.5		<0.5	
Bromodichloromethane Bromoform	<0.5 <0.5		<0.5 <0.5	
Bromomethane	<0.5		<0.5	
Carbon tetrachloride	<0.5 <0.5		<0.5 <0.5	
Chlorobenzene Chlorodibromomethane	0.57		0.57	
Chloroethane	<0.5		<0.5	
Chioroform 2-Chlorethylvinyl Ether	<0.5 <0.5		0.78  <0.5	
2-Chloromethane	<0.5		<0.5	
Chlorodibromomethane	<0.5		<0.5	
1,2-Dichlorobenzene 1,3-Dichlorobenzene	<0.5 <0.5		<0.5 <0.5	
1,3-Dichlorobenzene	<0.5		<0.5	
Dichlorodifluoromethane	<0.5 <0.5		<0.5 <0.5	
1,1-Dichloroethane 1,2-Dichloroethane	<0.5		<0.5	
1,1-Dichloroethene	<0.5		<0.5	
Trans-1,2-Dichloroethene 1,2-Dichloropropane	<0.5 <0.5		<0.5 <0.5	
Cis-1,3-Dichloropropene	<0.5		<0.5	
Trans-1,3-Dichloropropene	<0.5		<0.5	
Ethyl Benzene Methylene Chloride	<0.5 <0.5		<0.5	
Methyl Ethyl Ketone	<0.5		<0.5	
1,1,2,2-Tetrachloroethane	<0.5		<0.5	
Tetrachloroethylene Toluene	<0.5 <0.5		<0.5	
1,1,1-Trichloroethane	<0.5		<0.5	
1.1.2-Trichloroethane	<0.5 <0.5		<0.5 <0.5	
Trichloroethylene Trichlorofluoromethane	3.66		3.66	
Vinyl Chloride	<0.5		<0.5	
o-Xylene	<0.5 <0.5		<0.5 <0.5	
m-Xylene p-Xylene	<0.5		<0.5	
			GP940934	

# TABLE DM-1, SPIKE SAMPLES Base Survey: SHAW AIR FORCE BASE Survey Dates: 22 August - 2 September 1994 | Spike Sample Actual Value Pai

	Equipment Blank		Spike Sample Actual Value	Parameter Windo	Reagent Blank
		TUE, 30 Aug 94			Monday, 29 Aug 9
SROUP A ANALYTES		7.6	7.22	6.1-8.4	<0.2
Ammonia	<0.2	7.6	7.19	5,9-8.5	<0.1
jeldahl Nitrogen (mg/L)	Not Requested			6,47-9.52	<0.1
litrate	Not Requested	8	8	0,47-5.32	20.1
hemical Oxygen Demand (mg/L)	44	12			
oil and Grease (mg/L)	3.7	Not Performed			0.4
	0.6	Not Performed			<1.0
otal Petroleum Hydrocarbon (mg/L)		3.9	4.95	4.3-5.6	<0.10
otal Phosphorus (mg/L)	<0.1	5.5			
					<del> </del>
ROUP D ANALYTES					0.005
yanide	<0.005	0.49	0.449	.3357	<0.005
yanioe					
ROUP É ANALYTES		0.355	0.378	0.29-0.47	<10.0
henols (ug/L)	<10	0.355	0.578	0.20 0.47	1111
ROUP F ANALYTES					
	<0.005	0.04	0.05	.0389-0.0603	<0.005
rsenic (mg/L)		0.08	0.0998	0.0771-0.134	<0.01
arium	Not Requested		0.0049	0.0033-0.0069	<0.001
admium (mg/L)	<0.001	0.005			<0.005
otal Chromium (mg/L)	<0.005	0.038	0.0498	0.0409-0.0585	
	<0.005	0.045	0.0499	0.043-0.0562	<0.005
copper (mg/L)	<0.020	0.04	0.05	0.0403-0.0605	<0.02
ead (mg/L)		0.001	0.00202	0.0015-0.0026	<0.0005
Nercury (mg/L)	<0.0005		0.00202	0.0082-0.0117	<0.005
ilver (mg/L)	<0.005	0.008	0.01	0,0002-0.0117	3.000
					<u> </u>
POUR C ANALYTES	<del>                                     </del>				<u> </u>
ROUP G ANALYTES	26	Sample lost by lab			11
Residue (total)			l		22
Residue (filterable)		Sample lost by lab			<0.2
Residue (settleable)	<0.2	Sample lost by lab			
Residue, (nonfilterable)	<1.0	Sample lost by lab	1		<1
	26	Sample lost by lab			8
Residue, total volatile)	<del></del>	1			
	<del></del>	CNI040021			GN940900
SAMPLE NUMBERS	GN940898	GN940921			
	GN940899	GN940939			<u> </u>
					<u> </u>
· · · · · · · · · · · · · · · · · · ·	<1.0	Not Performed	Not Performed	Not Performed	Not Performed
Benzene		Not Performed	Not Performed	Not Performed	Not Performed
Bromodichloromethane	<1.0		Not Performed	Not Performed	Not Performed
Bromoform	<1.0	Not Performed			Not Performed
Bromomethane	<1.0	Not Performed	Not Performed	Not Performed	
Carbon tetrachloride	<1.0	Not Performed	Not Performed	Not Performed	Not Performed
	<1.0	Not Performed	Not Performed	Not Performed	Not Performed
Chlorobenzene	<1.0	Not Performed	Not Performed	Not Performed	Not Performed
Chlorodibromomethane		Not Performed	Not Performed	Not Performed	Not Performed
Chloroethane	<1.0			Not Performed	Not Performed
Chloroform	3.62	Not Performed	Not Performed		
2-Chlorethylvinyl Ether	<1.0	Not Performed			
		Mor Lettorner	Not Performed	Not Performed	Not Performed
Chloromethane	<1.0	Not Performed	Not Performed  Not Performed	Not Performed	Not Performed
Chlorodibromomethane	<1.0	Not Performed	Not Performed		
	<1.0	Not Performed Not Performed	Not Performed Not Performed	Not Performed Not Performed	Not Performed Not Performed
1,2-Dichlorobenzene	<1.0 <1.0	Not Performed Not Performed Not Performed	Not Performed Not Performed Not Performed	Not Performed Not Performed Not Performed	Not Performed Not Performed Not Performed
	<1.0	Not Performed Not Performed Not Performed Not Performed	Not Performed Not Performed Not Performed Not Performed	Not Performed Not Performed Not Performed Not Performed	Not Performed Not Performed Not Performed Not Performed
1,3-Dichlorobenzene	<1.0 <1.0	Not Performed Not Performed Not Performed	Not Performed Not Performed Not Performed Not Performed Not Performed	Not Performed Not Performed Not Performed Not Performed Not Performed	Not Performed Not Performed Not Performed Not Performed Not Performed
1,3-Dichlorobenzene 1,4-Dichlorobenzene	<1.0 <1.0 <1.0 <1.0	Not Performed Not Performed Not Performed Not Performed	Not Performed Not Performed Not Performed Not Performed	Not Performed	Not Performed
I ,3-Dichlorobenzene I ,4-Dichlorobenzene Dichlorodifluoromethane	<1.0 <1.0 <1.0 <1.0 <1.0	Not Performed	Not Performed Not Performed Not Performed Not Performed Not Performed	Not Performed Not Performed Not Performed Not Performed Not Performed	Not Performed Not Performed Not Performed Not Performed Not Performed
,3-Dichlorobenzene I,4-Dichlorobenzene Dichlorodifluoromethane I,1-Dichloroethane	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	Not Performed	Not Performed	Not Performed	Not Performed
,3-Dichlorobenzene I,4-Dichlorobenzene Dichlorodifluoromethane I,1-Dichloroethane	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	Not Performed	Not Performed	Not Performed Not Performed Not Performed Not Performed Not Performed Not Performed Not Performed Not Performed	Not Performed Not Performed Not Performed Not Performed Not Performed Not Performed Not Performed Not Performed Not Performed
,3-Dichlorobenzene ,4-Dichlorobenzene Dichlorodifluoromethane ,1-Dichloroethane ,2-Dichloroethane	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	Not Performed	Not Performed	Not Performed	Not Performed
,3-Dichlorobenzene ,4-Dichlorobenzene Dichlorodifluoromethane  ,1-Dichloroethane  ,2-Dichloroethane  ,1-Dichloroethane	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	Not Performed	Not Performed	Not Performed	Not Performed
,3-Dichlorobenzene ,4-Dichlorobenzene Dichlorodifluoromethane 1,1-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethene Trans-1,2-Dichloroethene	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	Not Performed	Not Performed	Not Performed	Not Performed
,3-Dichlorobenzene ,4-Dichlorobenzene Dichlorodifluoromethane ,1-Dichloroethane ,2-Dichloroethane ,1-Dichloroethene Trans-1,2-Dichloroethene ,2-Dichloropropane	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	Not Performed	Not Performed	Not Performed	Not Performed
,3-Dichlorobenzene ,4-Dichlorobenzene Dichlorodifluoromethane ,1-Dichloroethane ,2-Dichloroethane ,1-Dichloroethene Trans-1,2-Dichloroethene ,2-Dichloropropane Dis-1,3-Dichloropropene	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	Not Performed	Not Performed	Not Performed	Not Performed
,3-Dichlorobenzene ,4-Dichlorobenzene Dichlorodifluoromethane ,1-Dichloroethane ,2-Dichloroethane ,1-Dichloroethene frans-1,2-Dichloroethene ,2-Dichloropropane Dis-1,3-Dichloropropene Trans-1,3-Dichloropropene	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	Not Performed	Not Performed	Not Performed	Not Performed
,3-Dichlorobenzene ,4-Dichlorobenzene Dichlorodifluoromethane ,1-Dichloroethane ,2-Dichloroethane ,1-Dichloroethene Trans-1,2-Dichloroethene J-Dichloropropane Dis-1,3-Dichloropropene Dis-1,3-Dichloropropene	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	Not Performed	Not Performed	Not Performed	Not Performed
,3-Dichlorobenzene ,4-Dichlorobenzene Dichlorodifluoromethane  ,1-Dichloroethane  ,2-Dichloroethane  ,1-Dichloroethene  ,2-Dichloropropane  ,3-Dichloropropane  ,3-Dichloropropene  ,3-Dichloropropene  ,3-Dichloropropene	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	Not Performed	Not Performed	Not Performed	Not Performed
,3-Dichlorobenzene ,4-Dichlorobenzene Dichlorodifluoromethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene 1,2-Dichloropropane Dis-1,3-Dichloropropene Trans-1,3-Dichloropropene Ethyl Benzene Methylene Chloride	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	Not Performed	Not Performed	Not Performed	Not Performed
,3-Dichlorobenzene ,4-Dichlorobenzene ichlorodifluoromethane ,1-Dichloroethane ,2-Dichloroethane ,1-Dichloroethene frans-1,2-Dichloroethene ,2-Dichloropropane Cis-1,3-Dichloropropene Trans-1,3-Dichloropropene Ethyl Benzene Methylene Chloride 1,1,2,2-Tetrachloroethane	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	Not Performed	Not Performed	Not Performed	Not Performed
,3-Dichlorobenzene ,4-Dichlorobenzene Dichlorodifluoromethane ,1-Dichloroethane ,1-Dichloroethane ,1-Dichloroethene Frans-1,2-Dichloroethene ,2-Dichloropropane Dis-1,3-Dichloropropene Frans-1,3-Dichloropropene Ethyl Benzene Methylene Chloride 1,1,2,2-Tetrachloroethane Tetrachloroethylene	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	Not Performed	Not Performed	Not Performed	Not Performed
,3-Dichlorobenzene ,4-Dichlorobenzene Dichlorodifluoromethane 1,1-Dichloroethane 1,2-Dichloroethane 1,3-Dichloroethene 1,2-Dichloroethene 1,2-Dichloropropane Dis-1,3-Dichloropropene Trans-1,3-Dichloropropene Ethyl Benzene Methylene Chloride 1,1,2,2-Tetrachloroethane Tetrachloroethylene	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	Not Performed	Not Performed	Not Performed	Not Performed
,3-Dichlorobenzene ,4-Dichlorobenzene Dichlorodifluoromethane ,1-Dichloroethane ,2-Dichloroethane ,1-Dichloroethene Frans-1,2-Dichloroethene J.2-Dichloropropane Dis-1,3-Dichloropropene Frans-1,3-Dichloropropene Ethyl Benzene Methylene Chloride 1,1,2,2-Tetrachloroethane Fetrachloroethylene Foluene	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	Not Performed	Not Performed	Not Performed	Not Performed
,3-Dichlorobenzene ,4-Dichlorobenzene Dichlorodifluoromethane 1,1-Dichloroethane ,2-Dichloroethane 1,1-Dichloroethene Trans-1,2-Dichloroethene ,2-Dichloropropane Dis-1,3-Dichloropropene Ethyl Benzene Methylene Chloride 1,1,2,2-Tetrachloroethane Tetrachloroethylene Toluene Toluene 1,1,1-Trichloroethane	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	Not Performed	Not Performed	Not Performed	Not Performed
,3-Dichlorobenzene .4-Dichlorobenzene Dichlorodifluoromethane 1,1-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethene 1,1-Dichloroethene 1,2-Dichloropropane Dichloropropane Dichloropropane Eish-1,3-Dichloropropene Eithyl Benzene Methylene Chloride 1,1,2,2-Tetrachloroethane Tetrachloroethylene Toluene 1,1,1-Trichloroethane 1,1,2-Trichloroethane	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	Not Performed	Not Performed	Not Performed	Not Performed
,3-Dichlorobenzene ,4-Dichlorobenzene Dichlorodifluoromethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene 1,2-Dichloropropane 1,3-Dichloropropane 1,3-Dichloropropene 1,3-Dichloropropene 1,3-Dichloropropene 1,3-Dichloropropene 1,3-Dichloropropene 1,3-Dichloropropene 1,1,2-Tetrachloroethane 1,1,2-Tetrachloroethane 1,1,2-Trichloroethane 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	Not Performed	Not Performed	Not Performed	Not Performed
,3-Dichlorobenzene ,4-Dichlorobenzene Dichlorodifluoromethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene 1,2-Dichloropropane 1,3-Dichloropropane 1,3-Dichloropropene 1,3-Dichloropropene 1,3-Dichloropropene 1,3-Dichloropropene 1,3-Dichloropropene 1,3-Dichloropropene 1,1,2-Tetrachloroethane 1,1,2-Tetrachloroethane 1,1,2-Trichloroethane 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	Not Performed	Not Performed	Not Performed	Not Performed
,3-Dichlorobenzene ,4-Dichlorobenzene Dichlorodifluoromethane ,1-Dichloroethane ,2-Dichloroethane ,1-Dichloroethane ,1-Dichloroethene Trans-1,2-Dichloroethene Js-Dichloropropane Dis-1,3-Dichloropropene Dis-1,3-Dichloroprop	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	Not Performed	Not Performed	Not Performed	Not Performed
,3-Dichlorobenzene  ,4-Dichlorobenzene  .4-Dichlorodifluoromethane  ,1-Dichloroethane  ,2-Dichloroethane  ,1-Dichloroethane  ,1-Dichloroethene  ,1-Dichloroethene  ,1-Dichloropropane	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	Not Performed	Not Performed	Not Performed	Not Performed
,3-Dichlorobenzene ,4-Dichlorobenzene Dichlorodifluoromethane ,1-Dichloroethane ,2-Dichloroethane ,2-Dichloroethane ,1-Dichloroethene Trans-1,2-Dichloroethene Dis-1,3-Dichloropropene Dis-1,3-Dichloropropene Ethyl Benzene Methylene Chloride 1,1,2,2-Tetrachloroethane Tetrachloroethylene Toluene 1,1,1-Trichloroethane Trichlorofluoromethane Trichlorofluoromethane Trichlorofluoromethane Trichlorofluoromethane Trichlorofluoromethane Vinyl Chloride o-Xylene	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	Not Performed	Not Performed	Not Performed	Not Performed
1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorodifluoromethane 1,1-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethene 1,2-Dichloroethene 1,2-Dichloropropane Gis-1,3-Dichloropropene Trans-1,3-Dichloropropene Ethyi Benzene Methylene Chloride 1,1,2,2-Tetrachloroethane Tetrachloroethylene Toluene 1,1,1-Trichloroethane 1,1,2-Trichloroethane Trichloroethylene	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	Not Performed	Not Performed	Not Performed	Not Performed